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U.S. Department
of Transportation
**Federal Transit
Administration**

Transit Safety & Security Statistics & Analysis 2000 Annual Report (Formerly SAMIS)

U.S. Department of Transportation
Research and Special Programs Administration
John A. Volpe National Transportation Systems Center
Cambridge, MA 02142-1093

Final Report
March 2002

FTA OFFICE OF SAFETY AND SECURITY

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The Transit Safety & Security Statistics & Analysis 2000 Annual Report (formerly SAMIS) is a compilation and analysis of mass transit accident, casualty, and crime statistics reported under the Federal Transit Administration's National Transit Database Reporting System by transit systems in the United States during 2000.

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PREFACE

The *Transit Safety & Security Statistics & Analysis 2000 Annual Report,* formerly known as *Safety Management Information Statistics (SAMIS),* is a compilation and analysis of transit accident, casualty, and crime statistics reported under the Federal Transit Administration's (FTA's) National Transit Database (NTD) Reporting System by transit systems that were beneficiaries of FTA Urbanized Area Formula funds during 2000.

This report was prepared under the sponsorship of the Federal Transit Administration, Office of Safety and Security. The statistics for the tables, charts, and graphs were generated by the John A. Volpe National Transportation Systems Center (Volpe Center) in Cambridge, Massachusetts. Select tables from this report may be found on the FTA Office of Safety and Security web site at http://transit-safety.volpe.dot.gov.

The author wishes to thank Harry Saporta, Director of the FTA Office of Safety and Security; Alison Thompson of the Volpe Center and Carole Ferguson, Amy Jernigan and Vicki Bellet at the Office of Safety and Security for their direction and guidance.

The author also wishes to acknowledge the efforts of Scott Cunnane and Frederick Mottley of EG&G Technical Services, Inc. and Cassandra Oxley of EG&G/Planners Collaborative in the preparation of this report.

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TRANSPORTATION

OCT 30 2002

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1 inch (in) = 2.5 centimeters (cm)	1 millimeter (mm) = 0.04 inch (in)
1 foot (ft) = 30 centimeters (cm)	1 centimeter (cm) = 0.4 inch (in)
1 yard (yd) = 0.9 meter (m)	1 meter (m) = 3.3 feet (ft)
1 mile (mi) = 1.6 kilometers (km)	1 meter (m) = 1.1 yards (yd)
	1 kilometer (km) = 0.6 mile (mi)
AREA (APPROXIMATE)	**AREA** (APPROXIMATE)
1 square inch (sq in, in^2) = 6.5 square centimeters (cm^2)	1 square centimeter (cm^2) = 0.16 square inch (sq in, in^2)
1 square foot (sq ft, ft^2) = 0.09 square meter (m^2)	1 square meter (m^2) = 1.2 square yards (sq yd, yd^2)
1 square yard (sq yd, yd^2) = 0.8 square meter (m^2)	1 square kilometer (km^2) = 0.4 square mile (sq mi, mi^2)
1 square mile (sq mi, mi^2) = 2.6 square kilometers (km^2)	10,000 square meters (m^2) = 1 hectare (ha) = 2.5 acres
1 acre = 0.4 hectare (he) = 4,000 square meters (m^2)	
MASS - WEIGHT (APPROXIMATE)	**MASS - WEIGHT** (APPROXIMATE)
1 ounce (oz) = 28 grams (gm)	1 gram (gm) = 0.036 ounce (oz)
1 pound (lb) = 0.45 kilogram (kg)	1 kilogram (kg) = 2.2 pounds (lb)
1 short ton = 2,000 pounds (lb) = 0.9 tonne (t)	1 tonne (t) = 1,000 kilograms (kg)
	= 1.1 short tons
VOLUME (APPROXIMATE)	**VOLUME** (APPROXIMATE)
1 teaspoon (tsp) = 5 milliliters (ml)	1 milliliter (ml) = 0.03 fluid ounce (fl oz)
1 tablespoon (tbsp) = 15 milliliters (ml)	1 liter (l) = 2.1 pints (pt)
1 fluid ounce (fl oz) = 30 milliliters (ml)	1 liter (l) = 1.06 quarts (qt)
1 cup (c) = 0.24 liter (l)	1 liter (l) = 0.26 gallon (gal)
1 pint (pt) = 0.47 liter (l)	
1 quart (qt) = 0.96 liter (l)	
1 gallon (gal) = 3.8 liters (l)	
1 cubic foot (cu ft, ft^3) = 0.03 cubic meter (m^3)	1 cubic meter (m^3) = 36 cubic feet (cu ft, ft^3)
1 cubic yard (cu yd, yd^3) = 0.76 cubic meter (m^3)	1 cubic meter (m^3) = 1.3 cubic yards (cu yd, yd^3)
TEMPERATURE (EXACT)	**TEMPERATURE** (EXACT)
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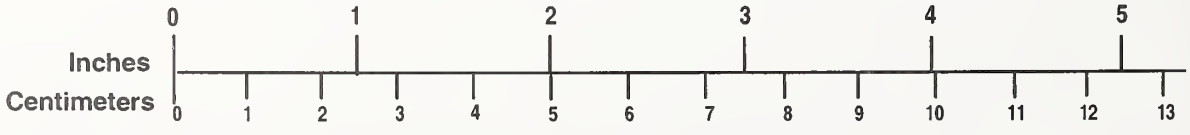

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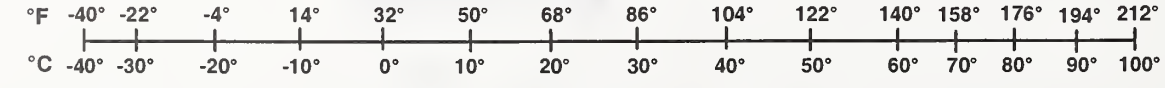

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Background

INTRODUCTION

The *Transit Safety & Security Statistics & Analysis Annual Report*, formerly known as the *Safety Management Information Statistics (SAMIS) Annual Report*, is now in its eleventh year of production, providing uniformly collected comprehensive safety and security data. These data are collected from all recipients or beneficiaries of Urbanized Area Formula funds through the National Transit Database (NTD) Reporting System.[1]

This year's report includes safety and security data for Directly Operated (DO) and Purchased Transportation (PT). Purchased Transportation reported data are only for those services provided under contract. All transit agencies subject to NTD reporting are required to report safety data. A list of all reporters is included in the body of this report.

Transit safety data are collected in four basic categories: Collisions, Derailments/Buses going off road, Personal Casualties, and Fires. Each of these categories is further delineated in order to obtain detailed information on the exact nature of the incidents.

Transit security data are modeled after the Federal Bureau of Investigation's Uniform Crime Reporting System, using standardized offense definitions. Two types of security data are collected: reports of Part I (crime index) offenses, and arrests for Part II (most other) offenses. Transit agencies serving urbanized areas (UZAs) with populations of 200,000 or more are required to report security data.

To facilitate the reader's understanding of the information presented, the safety and security data collection instrument, Form 405, is presented at the end of this introduction.

[1] Transit agencies with nine or fewer vehicles for non-fixed guideway systems, public carriers receiving no Urbanized Area Formula funds, private conventional and subscription bus services operators, and providers of services only under a demonstration grant are not required to report data under the NTD Reporting System, and thus are not included in this Annual Report.

This document reports these safety statistics for the following transit modes:

- Automated Guideway (AG)
- Commuter Rail (CR)
- Demand Response (DR)
- Heavy Rail (HR)
- Light Rail (LR)
- Motor Bus (MB)
- Vanpool (VP)

An abbreviated section is also presented for Cable Car (CC), Ferryboat (FB), Jitney (JT), and Inclined Plane (IP). Monorail (MO), Publico (PB), Aerial Tramway (TR), and Other (OR) modes had no reportable incidents.

As with previous years' reports, caution should be used when making comparisons across different modes of transit, and also against data from other transportation reporting systems such as those for aviation and trucking. When comparing modes of transit, key differences should be kept in mind. For example, some transit modes run on exclusive rights-of-way while others mix with general traffic on surface roads. Some have extensive stations and terminals (where many injuries happen) while others have no such facilities. When making comparisons with data from other transportation reporting systems, it is important to consider that the reporting thresholds, assumptions, and definitions may be very different. For example, this document reports transit property damage when the damage exceeds $1,000, while other transportation industries use dollar thresholds that may be higher.

Transit Safety Overview

	1991	1992	1993	1994	1995	1996	1997		1998		1999		2000	
Type of Service*	DO	DO	DO	DO	DO	DO	DO	PT	DO	PT	DO	PT	DO	PT
Collisions**	46,238	36,202	30,338	29,698	25,489	24,953	24,777	2,352	23,781	2,967	23,158	4,098	24,098	4,328
Suicide Attempts	74	98	95	103	95	85	82	8	82	8	106	11	86	12
Personal Casualties	30,352	31,352	29,036	35,359	32,591	30,102	32,367	952	32,255	1,068	31,782	1,204	32,762	1,225
Derailment/Left Road	229	178	221	274	194	213	147	9	156	10	152	16	163	18
Fires	6,246	6,001	5,296	5,259	4,102	4,039	4,188	22	3,820	42	3,505	41	2,789	34
Total Incidents	83,139	73,831	64,986	70,693	62,471	59,392	61,561	3,343	60,094	4,095	58,703	5,370	59,898	5,617

Effects of Transit Incidents by Year

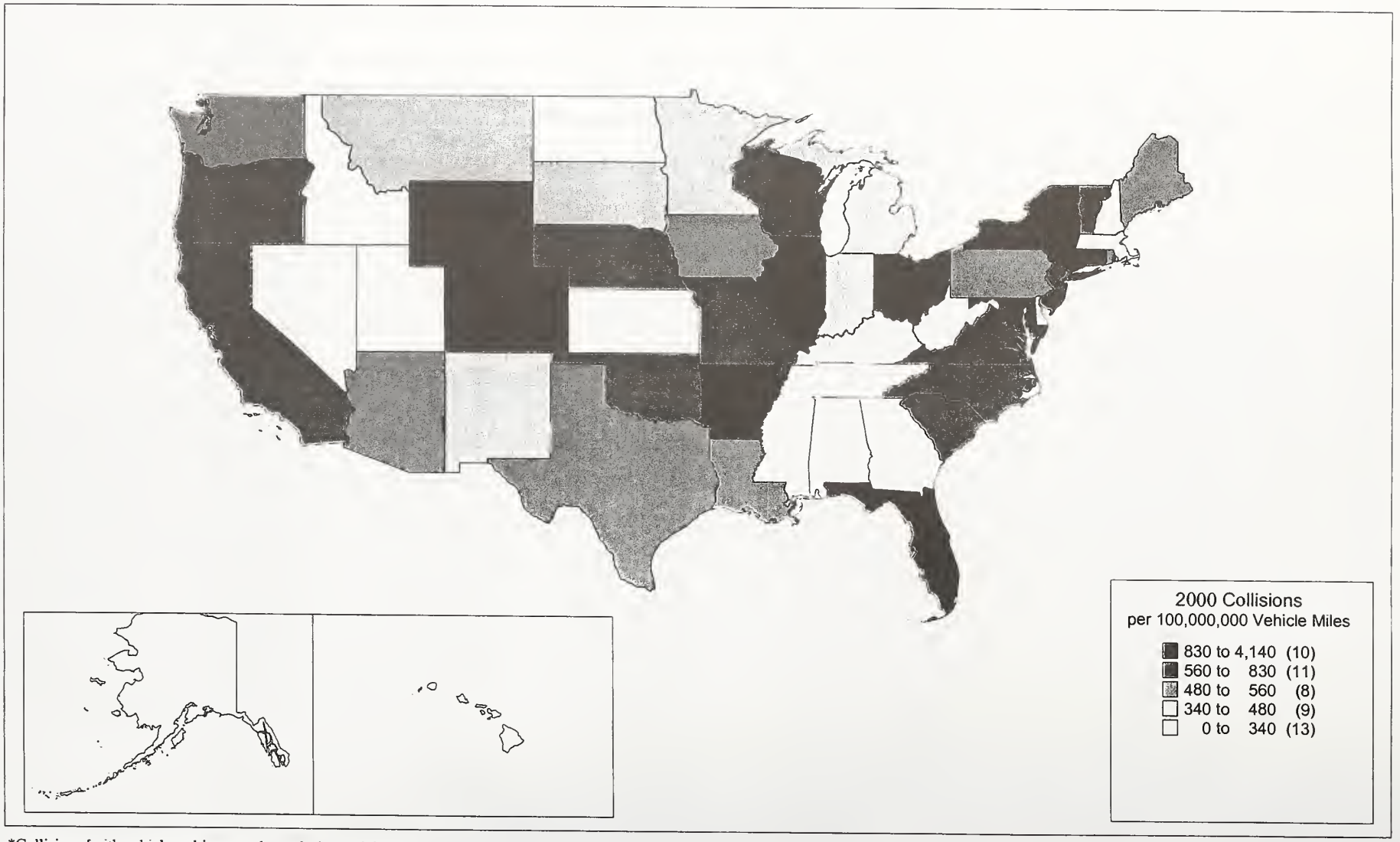
	1991	1992	1993	1994	1995	1996	1997		1998		1999		2000	
Type of Service*	DO	DO	DO	DO	DO	DO	DO	PT	DO	PT	DO	PT	DO	PT
Fatalities	300	273	281	320	274	264	275	35	286	43	299	41	295	41
Injuries	52,125	55,089	52,688	58,193	57,196	55,288	56,132	2,279	55,990	2,290	55,325	2,782	56,697	2,868
Property Damage ($000)	37,476	37,455	44,925	38,376	46,266	57,557	55,479	4,727	61,497	6,903	55,314	6,862	58,921	8,549

* DO - Directly Operated, PT - Puchased Transportation (Contracted)

** Not including Suicide attempts

2000 Transit Collisions Thematic Map*

Collisions per 100,000,000 Vehicle Miles



*Collisions [with vehicles, objects, and people (not suicides)]

Transit Safety and Security Form (405)

NTD ID ☐☐☐☐ Mode ☐☐

Page 1 of 2

☐ Form 005 Included Type of Service ☐☐

a		b	c	d	e	f	g	h
Line No.	Safety Items	Incidents	Fatalities			Injuries		
			Patrons	Employees	Others	Patrons	Employees	Others
	Collisions							
01	Collisions with other vehicles							
01a	(at grade crossings)							
02	Collisions with objects							
02a	(at grade crossings)							
03	Collisions with people							
03a	(at grade crossings)							
03b	(attempted/successful suicides)							
	Non-Collisions							
04	Derailments/buses going off road							
	Personal Casualties							
05	Parking facility							
06	Inside vehicle							
07	On right-of-way							
08	Boarding and alighting vehicle							
08a	(associated with lifts)							
09	In stations/bus stops							
09a	(associated with escalators)							
09b	(associated with elevators)							
	Non-Arson Fires (no thresholds)							
10	In vehicles							
11	In stations							
12	Right-of-way and others							
13	**Total Transit Property Damage**							

Date Prepared ☐☐/☐☐/☐☐☐☐ Date Updated ☐☐/☐☐/☐☐☐☐

2000 Report Year

Transit Safety and Security Form (405)

NTD ID ☐☐☐☐ Page 2 of 2 Mode ☐☐

Required from transit agencies serving UZAs of 200,000 or more population

☐ Form 005 Included *Based on the Uniform Crime Reporting Handbook* Type of Service ☐☐

a		b	c	d
	Security Items	**Incidents**		
Line No	**Part 1. Offenses** (Reports)	**In Vehicle**	**In Station**	**Other Transit Property**
	Violent Crime			
	Homicide			
01	Patrons			
02	Employees			
03	Others			
	Forcible rape			
04	Patrons			
05	Employees			
06	Others			
	Robbery			
07	Patrons			
08	Employees			
09	Others			
	Aggravated assault			
10	Patrons			
11	Employees			
12	Others			
	Property Crime			
13	Burglary			
	Larceny/theft			
14	Patrons			
15	Employees			
16	Others			
	Motor vehicle theft			
17	Patrons			
18	Employees			
19	Others			
20	Arson			
	Part II. Offenses (Arrests)			
21	Other assaults			
22	Vandalism			
23	Sex offenses			
24	Drug abuse violations			
25	Driving under the influence			
26	Drunkenness			
27	Disorderly conduct			
28	Trespassing			
29	Fare evasion			
30	Curfew and loitering laws			
31	**Total Transit Property Damage**			

Date Prepared ☐☐/☐☐/☐☐☐☐ Date Updated ☐☐/☐☐/☐☐☐☐

2000 Report Year

GLOSSARY

Accident - per Passenger Miles

An incident involving a moving vehicle. Includes collisions with another vehicle, object or person (except suicides) and derailment/left roadway. This also includes Personal Casualties incidents on the right-of-way, inside the vehicle and boarding and alighting the vehicle.

Accident - per Vehicle Miles

An incident involving a moving vehicle. Includes collisions with another vehicle, object, or person (except suicides) and derailment/left roadway.

Arson

To unlawfully and intentionally damage, or attempt to damage, any real or personal property by fire or incendiary device.

Assault, Aggravated

An unlawful attack by one person upon another for the purpose of inflicting severe or aggravated bodily injury. This type of assault usually is accompanied by the use of a weapon or by means likely to produce death or great bodily harm.

Assault, Other

An unlawful attack or attempt by one person upon another where no weapon was used or which did not result in serious or aggravated injury to the victim. This includes simple assault, minor assault, assault and battery, injury by culpable negligence, intimidation, coercion, hazing, and all attempts to commit these offenses.

Burglary

The unlawful entry of a structure to commit a felony or a theft. This includes offenses known locally as burglary (any degree), unlawful entry with intent to commit a larceny or felony, breaking and entering with intent to commit a larceny, housebreaking, safe-cracking, and all attempts at these offenses.

Collision

With Vehicle An incident in which a transit vehicle strikes or is struck by another vehicle. Reports are made if the accident results in death, injury, or property damage over $1,000.

With Object An incident in which a transit vehicle strikes an obstacle other than a vehicle or person (e.g., building, utility pole). Reports are made if the accident results in a death, injury, or property damage over $1,000.

With People An incident in which a transit vehicle strikes a person. Except where specifically indicated, collisions with people do not include suicide attempts. Reports are made if the incident results in death, injury, or property damage over $1,000.

Curfew and Loitering

All arrests for violations of local curfew or loitering ordinances where such laws exist.

Derailment/Left Roadway

A non-collision incident in which a transit vehicle leaves the rails or road on which it travels. This also includes rollovers. Reports are made for all occurrences.

Directly Operated

The transportation services provided directly by a public transit agency using their employees to supply the necessary labor.

Disorderly Conduct

All charges of committing a breach of the peace. This includes affray; unlawful assembly; disturbing the peace; disturbing meetings, disorderly conduct in state institutions, at court, at fairs, on trains or public conveyances, etc.; blasphemy, profanity, and obscene language; desecrating the flag; refusing to assist an officer; and all attempts to commit any of the above.

Driving Under the Influence (DUI)

The driving or operating of any vehicle or common carrier while drunk or under the influence of liquor or narcotics.

Drug Abuse Violations

Arrests requested based on the narcotics used. This includes all arrests for violations of state and local laws, specifically those relating to the unlawful possession, sale, use, growing, manufacturing, and making of narcotic drugs.

Drunkenness

Arrests for all offenses of drunkenness, defined as the consumption of alcoholic beverages to the extent that one's mental faculties and physical coordination are substantially impaired. This includes drunkenness, drunk and disorderly, common or habitual drunkard, and intoxication.

Employee

An individual who is compensated by the transit agency and whose expense is reported in object class 501 labor.

Fare Evasion

The unlawful use of transit facilities by riding without paying the applicable fare.

Fatality

A transit-caused death confirmed within 30 days of a transit incident.

Fire

Uncontrolled combustion made evident by flame and/or smoke which requires suppression by equipment or personnel. There are no thresholds; all fires are reported.

Forcible Rape

The carnal knowledge of a female forcibly and against her will. This includes rape and attempt to rape.

FTA Urbanized Area Formula Program Funds

Financial assistance from the Urbanized Area Formula Program. This program governs the distribution of the public transit capital and operating block grant appropriations by urbanized area.

Grade Crossings

An intersection of highway roads, railroad tracks, or dedicated transit rail tracks that run either parallel or across mixed traffic situations with motor vehicles, light rail, commuter rail, heavy rail, trolley bus or pedestrian traffic. Collisions at grade crossings involving transit vehicles apply to light rail, commuter rail, heavy rail or trolley bus.

Homicide

The killing of one or more human beings by another. This includes murder, non-negligent manslaughter, and manslaughter by negligence.

Incident

Collisions, personal casualties, derailments/left roadway, fires, and property damage greater than $1,000 associated with transit agency revenue vehicles and all transit facilities.

Injury

Any physical damage or harm to a person requiring medical treatment, or any physical damage or harm to a person reported at the time and place of occurrence. For employees, an injury includes incidents resulting in time lost from duty or any definition consistent with a transit agency's current employee injury reporting practice.

Larceny/Theft

The unlawful taking, carrying, leading, or riding away of property from the possession or constructive possession of another. This includes pocket-picking, purse-snatching, shoplifting, thefts from motor vehicles, thefts of motor vehicle parts and accessories, theft of bicycles, theft from buildings, theft from coin-operated devices or machines, and all other theft not specifically classified.

Mass Transportation

Transportation by bus, or rail, or other conveyance, either publicly or privately owned, providing to the public general or special service (but not including school, charter, or sightseeing service) on a regular basis.

Mode

A transit system category characterized by specific right-of-way, technological, and operational features.

Motor Vehicle Theft

The theft or attempted theft of a motor vehicle. A motor vehicle is a self-propelled vehicle that runs on the surface of land and not rails. Examples of motor vehicles are automobiles, trucks, buses, motorcycles, motor scooters, etc.

Other

An individual who is neither a patron nor employee of the transit agency.

Passenger Miles

The total number of miles traveled by transit passengers (e.g., a bus that carries 5 passengers for a distance of 3 miles incurs 15 passenger miles).

Patron

A person who intends to use or has used the transit system and is on property affiliated with the transit system within the limits of the law. An employee is not a patron.

Personal Casualty

Parking Facility An incident in which person(s) are injured or die in a transit agency

parking facility, but not as a result of a collision, derailment/left roadway, or fire.

Inside Vehicle An incident in which person(s) are injured or die on a transit vehicle, but not as a result of a collision, derailment/left roadway, or fire. For example, these incidents would involve sudden braking or unexpected swerving.

On Right-of-Way An incident in which person(s) are injured or die on a transit agency right-of-way, but not as a result of a collision, derailment/left roadway, or fire. These incidents include those that occur on transit property other than parking facilities, vehicles, stations, or bus stops.

Boarding and Alighting Vehicle An incident in which person(s) are injured or die while getting on or off a transit vehicle (e.g., slips, falls, door closings, or lifts).

Associated with Lifts An incident in which person(s) are injured or die while using a lift to get on or off a transit vehicle. This is a subset of the Boarding and Alighting Vehicle in the Personal Casualties category.

In Stations/Bus Stops An incident in which person(s) are injured or die while using a transit station or bus stop, but not as a result of a collision, derailment/left roadway, or fire. This includes anyone on transit property (e.g., patrons, employees, trespassers) but does not include incidents resulting from illness or criminal activity. These incidents include those that involve slip, trips or falls on stairs, escalators, elevators, passageways, or platforms.

Associated with Escalator An incident in which person(s) are injured or die while using an escalator in a transit facility. Any incident in this category is a subset of Personal Casualties in Stations/Bus Stops.

Associated with Elevators Any incident which person(s) are hurt while using an elevator in a transit facility. Any incident in this category is a subset of Personal Casualty in Stations/Bus Stops.

Population Density

Population divided by the area (e.g., square miles) for which the population was measured.

Purchased Transportation

Transportation service provided to a public transit agency or governmental unit from a public or private transportation provider based on a written contract. Granting a transportation provider permission to operate certain services through a franchise or license does not, in itself, constitute purchased transportation. Also, management services contracts, in which all or some personnel or services are provided to manage or operate the transit agency are not purchased transportation.

Robbery

The taking or attempting to take anything of value from the care, custody, or control of a person or persons by force or threat of force or violence and/or by putting the victim in fear. The use or threat of force includes firearms, knives or cutting instruments, other dangerous weapons (clubs, acid, explosives), and strong-arm techniques (hands, fists, feet).

Sex Offenses

Any sexual acts except forcible rape, prostitution, and commercialized vice. This includes offenses against chastity, common decency, morals, and the like, such as: adultery and fornication; buggery; incest; indecent exposure; indecent liberties; seduction; sodomy or crime against nature; statutory rape (no force); and all attempts to commit any of the above.

Suicide

A person attempting to end his or her own life intentionally. This is a subset of Collision with People.

Transit Property

All facilities which are directly controlled by a transit agency or provided to a transit agency for its use. This includes stations, rights-of-way, bus stops, and maintenance facilities.

Transit Property Damage

The dollar amount required to repair or replace transit property damaged during an incident.

Trespass

To unlawfully enter land, a dwelling, or other real property.

Vandalism

The willful or malicious destruction, injury, disfigurement, or defacement of any public or private property, real or personal, without consent of the owner or person having custody or control by cutting, tearing, breaking, marking, painting, drawing, covering with filth, or any other such means as may be specified by local law.

Vehicle Miles

The total number of miles traveled by transit vehicles. Commuter rail, heavy rail, and light rail report individual car miles rather than train miles for vehicle miles.

TRANSIT MODE DEFINITIONS

AG - Automated Guideway

Consists of one or more automatically controlled vehicles operating on an exclusive guideway.

CC - Cable Car

Streetcar type of vehicles operating by means of an attachment to a moving cable located below the street surface and powered by engines or motors at a central location not on board the vehicle.

CR - Commuter Rail

Urban passenger train service for local short distance travel between a central city and suburbs. Commuter rail does not include heavy rail or light rail service. Service of a predominantly intercity nature is excluded, except where a local portion is operated under public agency contract for commuter purposes.

DR - Demand Response

Personal transit service operated on roadways providing service on demand. Vehicles are normally dispatched, and used exclusively for this service.

FB - Ferryboat

Vessels carrying passengers and/or vehicles over a body of water. The vessels are generally steam- or diesel-powered conventional ferry vessels.

HR - Heavy Rail (Rapid Rail)

Transit service using rail cars powered by electricity which is usually drawn from a third rail and usually operated on exclusive rights-of-way. It generally uses longer trains and has longer spacing between stations than light rail.

IP - Inclined Plane

Special tramway type of vehicles operating up and down slopes on rails via a cable mechanism so that passenger seats remain horizontal while the undercarriage (truck) is angled parallel to the slope.

JT - Jitney

Passenger cars or vans operating on fixed routes (sometimes with minor deviations) as demand warrants without fixed schedules or fixed stops.

LR - Light Rail (Streetcar)

Urban transit which uses predominantly reserved but not always grade-separated rights-of-way. Electrically powered rail vehicles operate alone or in trains.

MB - Motor Bus

Rubber-tired passenger vehicles that operate on roadways. Motor bus service implies fixed routes and schedules. The Transit Safety & Security Statistics & Analysis report presents motor bus data in three categories. This is done to reflect the differences in operating environments and traffic mix, and to allow meaningful comparison between the motorbuses and other transit modes. The categories in this document are determined by the size of an agency's fleet. They are:

LMB - Large Motor Bus, more than 500 buses.
MMB - Medium Motor Bus, between 100 and 500 buses.
SMB - Small Motor Bus, fewer than 100 buses.

TB – Trolley bus

Rubber-tired passenger vehicles operating singly on city streets. Trolley buses are driven electrically with the power being drawn from an overhead catenary. The data for trolley buses are combined with the Motor Bus data.

VP - Vanpool

Public-sponsored commuter service operating under prearranged schedules for pre-formed groups of riders in 8- to 18-seat vehicles. Drivers are also commuters who receive little or no compensation besides free transportation and use of the vehicle during off-hours.

Transit modes whose statistics are insignificant when compared with other modes are addressed in an abbreviated fashion. They are Cable Car (CC), Ferryboat FB), Inclined Plane (IP), and Jitney (JT). Detailed statistics are available on request. Monorail (MO), Publico (PB), Aerial Tramway (TR), and Other (OR) modes had no reportable incidents.

Reporting Agencies

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Alabama				
Autauga Cnty Commission	X	X		
Birmingham-Jefferson TA			X	X
Huntsville DOT	X		X	
Lee-Russell Council Govts			X	
Mobile Transit Authority	X		X	X
Montgomery DemandResp	X	X		
NW AL Council Lcl Govts	X			
Wireglass Transit Auth	X			
Alaska				
Alaska Railroad Corp	X			
Municipality of Anchorage	X	X	X	X
Arizona				
City of Mesa				X
City of Tempe Transp Div			X	X
City of Tucson	X	X		
Glendale Dial-A-Ride	X	X		
Maricopa Cnty Spec Trnsp			X	X
Peoria Transit	X			
Phoenix Publ Transit Dept	X	X	X	X
Phoenix-VPSI	X	X		
Regional Publ Transp Auth			X	X
Scottsdale Connection			X	X
Sun Cities Transit System	X	X		
Surprise Dial-A-Ride TS	X	X		
Town of Guadalupe	X	X		
Arkansas				
Central AR Transit Auth	X	X		
Community Resource Grp	X			
University of Arkansas	X			
California				
Access Services			X	X
Alameda-Contra Costa TD	X	X	X	X
Alameda Ferry Services				X
Altamont Commuter Exprss			X	X
Antelope Valley Transit			X	
Arcadia Transit			X	X
Bay Area Rapid Transit	X	X		
Central Contra Costa TA	X	X	X	X
Chico Area Transit System			X	
City of Commerce Muni Bus	X	X		
City of Gardena TD	X	X	X	X
City of Lodi			X	
City of Los Angeles DOT			X	X
City of Napa-The VINE			X	
City of San Luis Obispo			X	
City of Santa Rosa	X		X	

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
California (continued)				
Corona Dial-A-Ride			X	X
Culver City Municipal Bus	X	X		
DAVE Transp Svcs-LA	X	X		
Eastern Contra Costa TA			X	
Fairfield/Suisun Transit			X	
Fresno Area Express	X	X	X	X
Golden Empire Transit Dst	X	X	X	X
GoldenGateBridge-Hwy&TD	X		X	X
Intelitran-SF			X	X
La Mirada Transit	X			
Laidlaw Transit Services	X	X		
Livermore/Amador Valley			X	X
Lompoc Transit			X	
Long Beach Publ Transp	X	X	X	X
Los Angeles Cnty Small Op			X	X
Los Angeles County Metro	X	X	X	X
Merced County Transit			X	
Modesto Area Express			X	X
Montebello Bus Lines	X	X	X	X
Monterey-Salinas Transit	X		X	
Municipal Railway	X	X	X	X
N San Diego Cnty Transit	X	X	X	X
Norwalk Transit System	X	X		
OMNITRANS-Riverside	X	X	X	X
Orange Cnty Transp Auth	X	X	X	X
Outreach & Escort			X	X
Peninsular Corridor JBP			X	X
Redding Area Bus Auth			X	
Riverside Special Transp	X	X		
Riverside Transit Agency	X	X	X	X
Roseville Transit			X	X
Ryder/ATE-LA	X	X		
Sacramento RTD	X	X	X	X
San Diego MTDB			X	X
San Diego Rgnl Transp Svc			X	X
San Diego Transit Corp	X	X	X	X
San Diego Trolley	X	X		
San Gabriel Transit			X	
San Joaquin RTD	X	X	X	X
San Mateo Cnty TransitDst	X	X	X	X
Santa Barbara Metro TD	X			
Santa Clara Valley TA	X	X	X	X
Santa Clarita Transit			X	X
Santa Cruz Metro Transit	X		X	
Santa Maria Area Transit			X	
Santa Monica Muni Bus	X	X	X	X
Sonoma County Transit			X	
Simi Valley Transit	X			
South Coast Area Transit	X	X	X	X
Southern Calif RR Auth	X	X		
SunLine Transit Agency	X		X	
Thousand Oaks Transit			X	X
Torrance Transit System	X	X	X	X

Reporting Agencies

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
California (continued)				
Union City Transit Div			X	X
UNITRANS-Davis	X			
Vallejo Transit			X	X
Ventura Intercity Svc TA			X	X
Visalia City Coach			X	
Western Contra Costa TA			X	X
Yolo County TD			X	X
Yuba-Sutter Transit Auth			X	
Colorado				
Atlantic Paratrans of CO		X		
City of Fort Collins	X			
City of Greeley-The Bus	X			
Colorado Springs Transit	X	X	X	X
Grand Junction-MesAbility			X	
Laidlaw Transit Svcs, Inc				X
Pueblo Transit	X		X	
Regional Transp District	X	X	X	X
Special Transit	X	X	X	
Connecticut				
Carey Transportation, Inc				X
Conn DOT			X	X
Greater Bridgeport TD	X	X	X	X
Greater Hartford Transit			X	X
Greater New Haven Transit			X	X
Hartford-CT Transit	X	X		
Hartford Ridesharing Corp	X			
Housatonic Area Reg Trans	X			
Middletown Trans Dist			X	X
Milford Transit District	X	X		
New Britain Transp Co-A	X			
New Britain Transp Co-B	X			
New Haven-CT Transit	X	X		
Northeast Transp Comp	X	X		
Norwalk Transit District	X		X	
Stamford-CT Transit	X			
Valley Transit District	X	X		
Waterbury Transit Dist			X	
Delaware				
Delaware Transit Corp	X	X	X	X
District of Columbia				
Washington-Metro	X	X	X	X
Florida				
Bay Cnty Council on Aging	X			
Broward Cnty Mass Transit	X	X	X	X

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Florida (continued)				
Central Florida Regnl TA	X	X	X	X
City of Tallahassee	X		X	
COMSIS Mobility Services				X
Cnty of Volusia-VOTRAN	X	X	X	X
Escambia Cnty Area Trans	X	X	X	X
Gainesville Regional TS	X		X	
Hillsborough Area RTA	X	X	X	X
Indian River County COA	X		X	
Jacksonville Transp Auth	X	X	X	X
Lakeland Area Transit Dst	X			
Lee County Transit	X	X	X	X
Manatee Cnty Area Transit	X	X	X	X
Martin Cnty Council Aging	X			
Miami-Dade Transit Agency	X	X		
Okaloosa County			X	
Palm Tran	X	X	X	X
Pasco County Public Trans	X		X	X
Pinellas Suncoast Transit	X	X		X
Polk County	X		X	
Sarasota County TA	X	X	X	X
Space Coast Area Transit	X	X	X	X
St. Lucie Council on Aging	X		X	
SunTran			X	
Tri-County Commuter Rail			X	X
Georgia				
Albany Transit System	X			
Athens Transit System	X			
Augusta Richmond Co TD	X	X		
Chatham Area Transit Auth	X		X	
Cobb Community Transit			X	X
Columbus Transit System	X	X		
Douglas County Rideshare	X			
Metro Atlanta RTA	X	X		
Rome Transit Department	X			
Hawaii				
City&County of Honolulu	X	X	X	X
Honolulu-VPSI	X	X		
Idaho				
Boise Urban Stages	X			
Pocatello Regional Trans	X			
Targhee Reg Public TA			X	
Illinois				
Bloomington-Normal Public	X			
Champaign-Urbana MTD	X		X	
Chicago Transit Authority	X	X	X	X
Decatur Public Transit	X		X	
Greater Peoria Transit			X	X

Reporting Agencies

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Illinois (continued)				
Loves Park Transit Sys	X	X	X	X
Madison County Trans Dist			X	X
NE IL Regnl Comm RR Corp	X	X		
Pace Suburban Bus Div	X	X	X	X
Pekin Municipal Bus Svc	X	X		
River Valley Metro			X	
Rock Island County MTD	X	X	X	X
Rockford MTD	X	X	X	X
Springfield Mass Transit	X			
Indiana				
Bloomington Public Transp	X			
City of Kokomo	X		X	
East Chicago Public Trans	X	X		
Fort Wayne PTC	X			
Gary Public Transp Corp	X	X	X	X
Greater Lafayette PTC	X			
Hammond Transit System			X	X
HeartCityRider/GoshenTran			X	
Indianapolis Public Trans	X	X	X	X
LCEOC	X			
Metrop Evansville TS	X			
Muncie Indiana Transit	X			
N Tnshp-Lake Co DialARide	X	X		
Nor IN Commuter TD	X	X		
Opportunity Enterprises	X	X		
South Bend Public Transp	X	X		
Terre Haute Transit Utly	X			
Tradewinds Rehabilitation	X	X		
Iowa				
Bettendorf Transit System	X	X	X	X
Black Hawk Cnty Metro	X		X	
City of Dubuque	X		X	
Davenport Public Transit	X	X	X	X
Des Moines Metro Transit	X	X	X	X
Five Seasons Transportati	X		X	
Iowa City Transit	X		X	
University of Iowa	X			
Kansas				
Johnson County Transit			X	X
Topeka Metropolitan TA	X		X	
Wichita Transit	X	X	X	X
Kentucky				
TA Lexington-Fayette Cnty	X	X	X	X
TA-Northern Kentucky	X	X	X	X
Transit Auth-River City	X	X	X	X

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Louisiana				
Capital Transp Corp	X	X	X	X
City of Alexandria	X			
City of Monroe	X			
Crescent City Connection		X		
Jefferson Parish DOT			X	X
RTA-Orleans & Jefferson	X	X	X	X
Shreveport Area Transit	X	X	X	X
Terrebonne Parish	X			
Maine				
City of Bangor	X		X	
Greater Portland Transit	X			
Regional Transp Program	X			
Western ME Transp Svcs	X			
Maryland				
Annapolis Parking/Trans	X			
Frederick County Transit	X			
Harford County Transp Svc	X	X		
Howard Area Transit Svc			X	X
Montgomery Cnty Ride-On	X	X	X	X
MTA-Maryland DOT	X	X	X	X
Washington County TD	X			
Massachusetts				
Berkshire RTA			X	
Brockton Area Transit			X	
Cape Ann Transp Auth			X	X
Cape Cod RTA			X	
Greater Attleboro-Taunton			X	X
Lowell Regional Transit	X		X	
Mass Bay Transp Auth	X	X	X	X
Merrimack Valley RTA			X	X
Montachusett RTA			X	
Pioneer Valley Trans Auth			X	X
Southeastern RTA			X	
Transit Express	X			
Worcester Regional TA	X	X	X	X
Michigan				
Ann Arbor Transp Auth	X	X	X	X
Battle Creek Transit	X			
Bay Metropolitan TA	X			
Blue Water Area Transp	X		X	
Capital Area Transp Auth	X	X	X	X
City of Detroit DOT	X	X	X	X
City of Holland			X	
Detroit Transportation	X	X		
Interurban Transit	X	X	X	X
Jackson Transp Auth	X			

Reporting Agencies

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Michigan (continued)				
Kalamazoo Metro Trns Sys	X		X	
Mass Transportation Auth	X	X		
Muskegon Area Trns Sys	X			
Niles Dial-A-Ride			X	X
Suburban Mobility Auth RT	X	X	X	X
Twin Cities Area Transp	X			
University of Michigan	X			
Minnesota				
City of Moorhead-Transi			X	
City of Rochester			X	
Duluth Transit Authority	X		X	
Metro Mobility			X	X
Metro Transit	X	X		
Metropolitan Council			X	X
St Cloud Metropln Transit	X		X	
Mississippi				
City of Jackson Trans Sys	X	X		
Mississippi Coast TA	X			
Missouri				
Bi-State Development	X	X		
Columbia Area Transit Sys	X			
Kansas City Area TA	X	X	X	X
Southwest Missouri State			X	
Springfield Utilities	X			
St Joseph Transit Mgmt	X			
Montana				
Billings Metro Transit	X			
Great Falls Transit Dist	X		X	
Missoula Urban Transport	X	X		
Nebraska				
Omaha Transit Authority	X	X		X
StarTRAN	X		X	
Nevada				
ATC\VanCom	X	X		
RTC of Washoe County	X	X	X	X
New Hampshire				
Manchester Transit Auth	X			
Nashua Transit System			X	

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
New Jersey				
Academy Lines	X			
Community Transit	X			
Cumberland Cnty Off Aging	X			
DeCamp Bus Lines	X	X		
Hudson Transit Lines	X			
Lafeyette-Greenville	X	X		
Lakeland Bus Lines	X			
New Jersey Transit	X	X	X	X
New York-N Jersey (45)	X			
Olympia Trails Bus	X			
Orange-Newark-Elizabeth	X			
Port Authority Transit	X	X		
South Orange Ave IBOA	X			
Suburban Transit Corp	X			
Trans-Bridge Lines	X	X		
Trans-Hudson Express	X			
Vanpool of New Jersey	X	X		
New Mexico				
Las Cruces Area Transit	X			
Sun Tran of Albuquerque	X	X		
New York				
American Transit	X	X		
Atlantic Paratrans	X	X		
Broome County Dept of PW	X		X	
Capital District TA	X	X	X	X
Centro of Cayuga	X			
Centro of Oswego, Inc	X	X		
Chemung County Transit			X	
City of Long Beach	X	X		
Clarkstown Mini-Trans	X			
CNY Centro, Inc	X	X		
Dutchess Cnty Mass Trans	X			
Glens Falls Transit	X	X		
Huntington Area Transit	X	X		
Liberty Lines Express	X	X		
Liberty Lines Transit	X	X		
Long Island Bus	X	X		
Long Island Rail Road	X	X		
Metro North RR	X	X	X	X
Monsey New Square Trails	X	X		
New York Airport Service			X	X
New York Bus Tours, Inc	X	X		
New York City DOT		X		
New York City Transit	X	X	X	X
New York-GTJC	X	X		
Niagara Frontier TA	X	X	X	X
Port Authority	X	X		X
Putnam County Transit			X	X
Queens Surface Corp	X	X		
RGRTA & Lift Line	X	X		

Reporting Agencies

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
New York (continued)				
Rockland-Ride Share	X	X		
Staten Island	X	X		
Suffolk County Transit			X	X
Tompkins Area Transit	X		X	
Transport of Rockland			X	X
Utica Transit Authority	X			
Westchester County DOT			X	X
North Carolina				
Asheville Transit Auth	X		X	
Capital Area Transit	X			
Chapel Hill Transit	X	X		
Charlotte DOT	X	X	X	X
Durham Area Transit	X	X	X	X
Fayetteville Area System	X	X		
Greensboro Transit Auth			X	
High Point Transit	X		X	
Research Triangle RPTA	X	X		
Wilmington Transit Auth	X			
Winston-Salem Transit	X			
North Dakota				
Bis-Man Transit Board			X	
Fargo Metro Area Transit			X	
Grand Forks City Bus	X		X	
Ohio				
Brunswick Transit Altrntv			X	X
Campus Bus Service	X	X		
Central Ohio Transit Auth	X	X	X	X
City of Newark Transit			X	
Greater Cleveland RTA	X	X	X	X
LAKETRAN	X	X	X	X
Lorain County Transit			X	X
Metro Regional Trans Auth	X	X	X	X
Miami Valley Regional TA	X	X		
Middletown Transit System	X			
Portage Area RTA	X	X		
Southwest Ohio RTA	X	X	X	X
Springfield Cty Area Tran	X			
Stark Area RTA	X	X		
Toledo Area RTA	X	X	X	X
Western Reserve TA		X		
Oklahoma				
Central OK Trans&Pkg Auth	X	X	X	X
Tulsa Transit Authority	X	X	X	X

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Oregon				
Lane Transit District	X		X	
Rogue Valley Transit Dist	X		X	
Salem Area MassTransDist	X			
Tri-County Metro District	X	X	X	X
Pennsylvania				
ACCESS Trnsprtation Sys			X	X
Altoona Metro Transit	X		X	
Atlantic Paratrans	X	X		
Beaver County Transit			X	X
Berks Area Reading TA	X		X	
Cambria County TA	X		X	
Centre Area Transp Auth	X		X	
Erie Metropolitan Transit	X			
G G & C Bus Company	X	X		
Harrisburg-Capital Area	X	X	X	X
Lackawanna Transit Sys	X	X	X	X
Lehigh and Northampton	X	X	X	X
Luzerne Cnty Trans Auth	X	X	X	X
Mid Mon Valley TA			X	
Pennsylvania DOT			X	X
Port Authority Allegheny	X	X		X
Red Rose Transit Auth	X		X	
SEPTA	X	X	X	X
SWrn PA Reg Plng Comm			X	
University of Pittsburgh	X			
Westmoreland County TA			X	X
Williamsport Bureau Trans	X		X	
York County TA	X		X	
Puerto Rico				
Dept of Trans & Pub Works			X	
Metropolitan Bus Auth	X	X		
PR Hwy & Transp Auth			X	X
Puerto Rico Ports Auth		X		
Rhode Island				
Comsis Mobility Svcs			X	
RI Public Transit Auth	X	X		X
South Carolina				
Aiken County Transit Sys				X
Charleston Transit			X	X
Coastal Rapid Public TA	X			
Greenville Transit Auth	X	X	X	X
Pee Dee RTA	X		X	
SC Elec & Gas	X	X	X	X
Spartanburg Transit Sys	X			
Spartanburg Cnty Transp			X	

Reporting Agencies

	Directly Operated		Purchased	
	Safety	Security	Safety	Security
South Dakota				
Rapid Transit System	X			
Sioux Falls Transit	X		X	
Tennessee				
Chattanooga Area RTA	X	X	X	
Clarksville Transit Sys	X			
Jackson Transit Authority	X			
Johnson City Transit	X			
Knoxville Transp Auth	X	X		
Memphis Area TA	X	X	X	X
Metropolitan Transit Auth	X	X		
Texas				
Abilene Transit System	X			
Amarillo City Transit	X			
Beaumont Transit System	X			
BVCAA-Brazos Trnst Sys	X			
Capital Metro Transp Auth	X	X	X	X
City of Mesquite	X	X		
City of San Angelo	X			
City Transit Mgmt Comp	X			
Corpus Christi Regionl TA	X	X	X	X
Dallas Area RTA	X	X	X	X
Dallas-VPSI	X	X		
El Paso Mass Transit	X	X	X	X
First Transit, Inc	X	X		
Fort Worth Transp Auth	X	X	X	X
Grand Prairie	X			
Gulf Coast Center	X			
Handitran Special Transit	X	X	X	X
Houston-VPSI	X	X		
Laredo Municipal Transit	X			
Lower Rio Grande Valley			X	
MetroTransAuth HarrisCnty	X	X	X	X
Port Arthur Transit	X			
Ryder/ATE	X	X		
Texoma COG			X	
VIA Metropolitan Transit	X	X	X	X
Waco Transit System	X			
Utah				
Logan Transit District			X	
Utah Transit Authority	X	X	X	X
Vermont				
Chittenden Cty Trans Auth	X			
Virginia				
Charlottesville Transit	X		X	

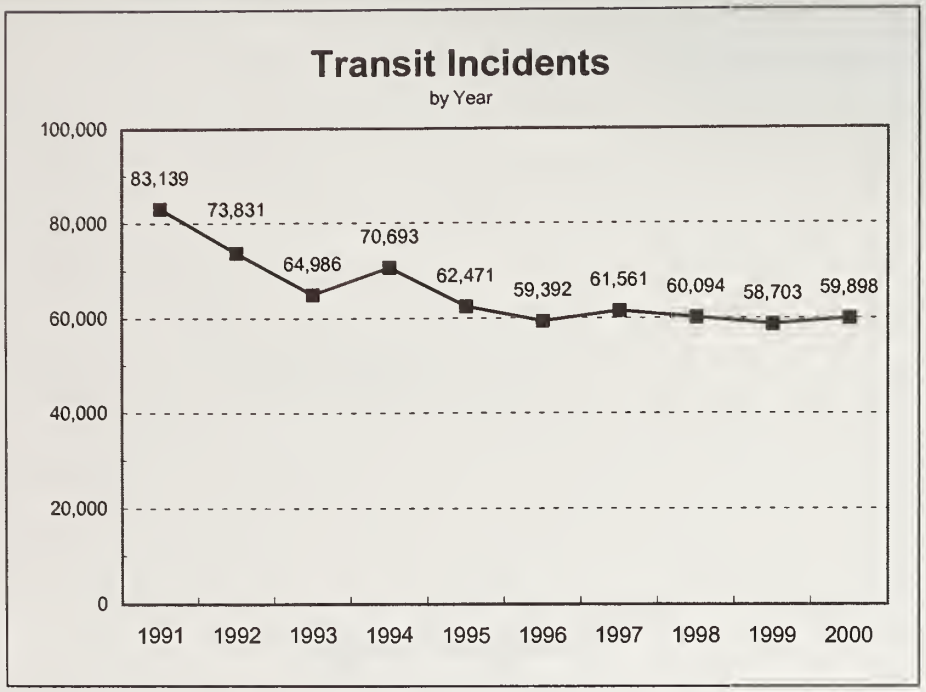
	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Virginia (continued)				
City of Alexandria	X	X		
City of Danville	X			
City of Fairfax CUE Bus	X	X		
Fairfax Connector Bus Sys			X	X
Greater Lynchburg Transit	X			
Greater Richmond Transit	X	X	X	X
Greater Roanoke Transit	X		X	
Hampton Roads	X	X	X	
James City County Transit	X	X		
Laidlaw Transit	X	X		
Loudon Cnty Cmmuter Bus			X	X
Peninsula Transp District				X
Petersburg Area Transit	X		X	
Potomac & Rappahannock			X	X
Tidewater Transp District				X
Virginia Railway Express			X	X
Washington				
Ben Franklin Transit	X	X	X	
Central Puget Sound RTA			X	
Clark County Public Trans	X	X		X
Community Urban Bus Svc	X		X	
Everett Transit	X	X		
Intercity Transit	X			
King County DOT	X	X	X	X
Kitsap Transit	X			
Monorail Transit			X	X
Pierce Cnty Ferry Ops				X
Pierce Transit	X	X	X	X
Senr Svc Snohomish Cnty	X	X		
Snohomish Cnty Trsp BAC	X	X	X	X
Spokane Transit Authority	X	X	X	X
Washington State Ferries		X		
Whatcom Transp Auth	X		X	
Yakima Transit	X		X	
West Virginia				
Kanawha Valley RTA	X			
Mid-Ohio Valley TA	X			
Ohio Valley RTA	X			
Tri-State Transit Auth	X			
Wisconsin				
Appleton-Valley Transit	X		X	
Belle Urban System-Racine	X		X	
Beloit Transit System	X		X	
Chippewa Falls			X	
Eau Claire Transit System	X		X	
Green Bay Transit	X		X	
Janesville Transit System	X		X	
Kenosha Transit	X		X	

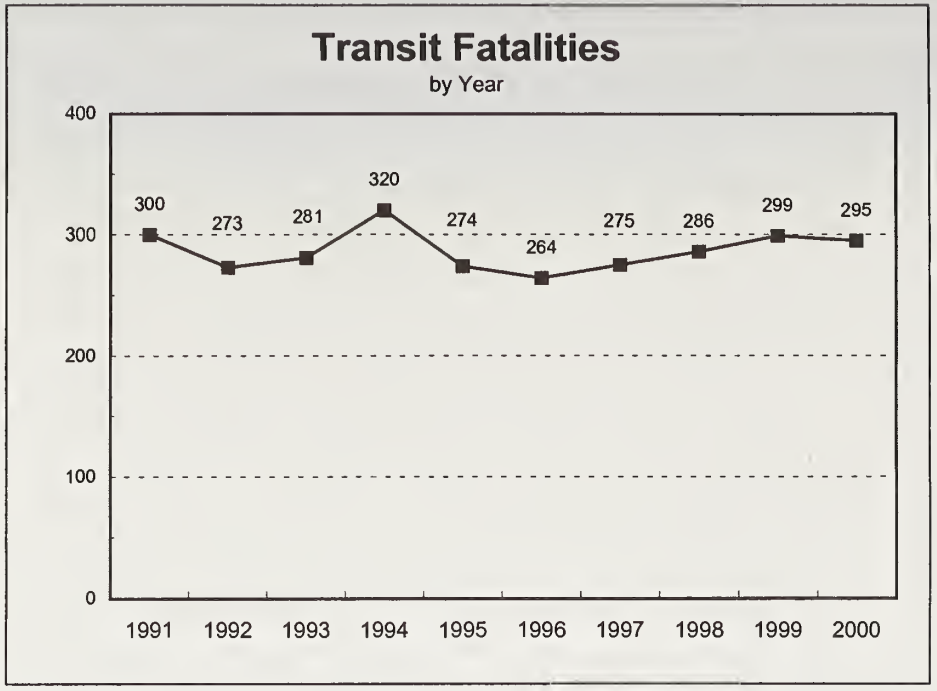
Reporting Agencies

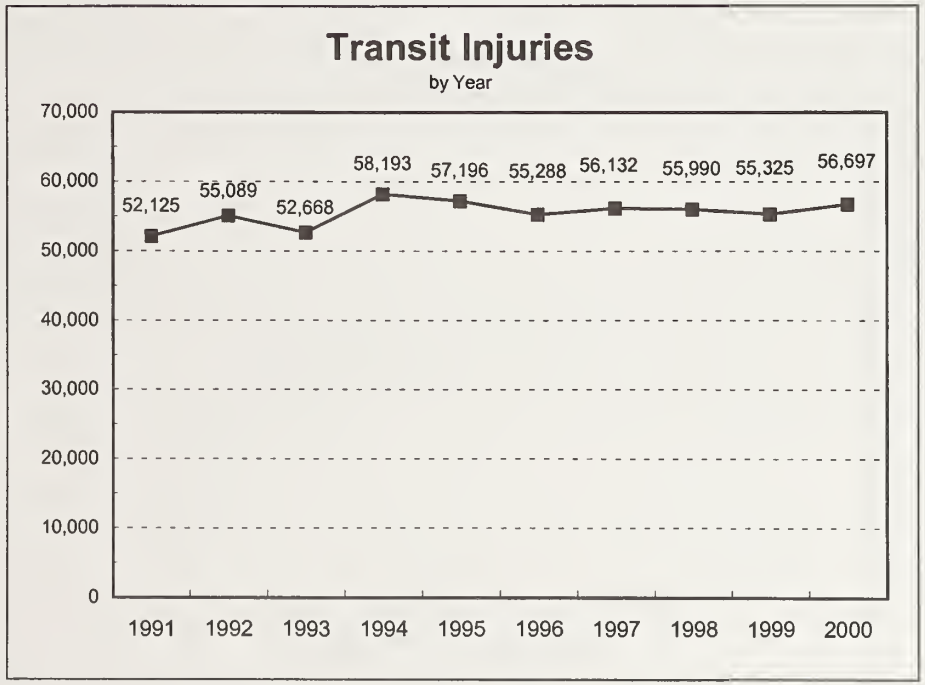
	Directly Operated		Purchased	
	Safety	Security	Safety	Security
Wisconsin (continued)				
LaCrosse Municipal Trans	X			
Madison Metro Transit	X	X	X	X
Milwaukee Cnty Prtrns Sys				X
Milwaukee Cnty Trans Sys	X	X	X	
Oshkosh Transit System	X		X	
Ozaukee County Transit			X	
Sheboygan Transit System	X		X	
Washington Shared Ride			X	
Waukesha Cnty Trnsit Sys			X	X
Waukesha Transit Comm	X	X		
Wausau Area Transit Sys	X		X	
Wyoming				
City of Cheyenne Transit	X			

	Directly Operated		Purchased	
	Safety	Security	Safety	Security

Transit Safety Trends
1990 through 2000

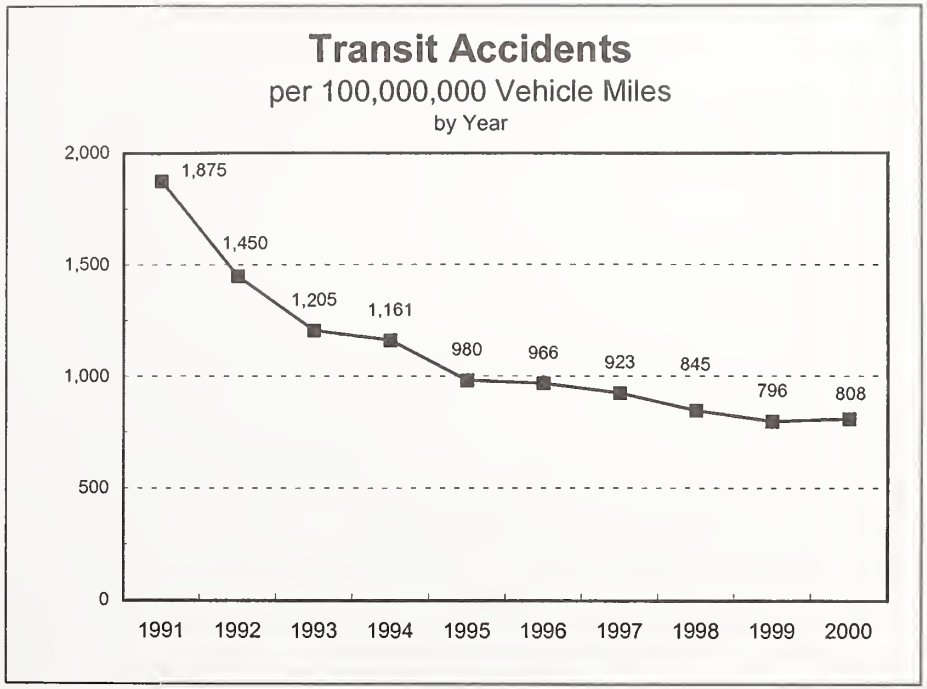




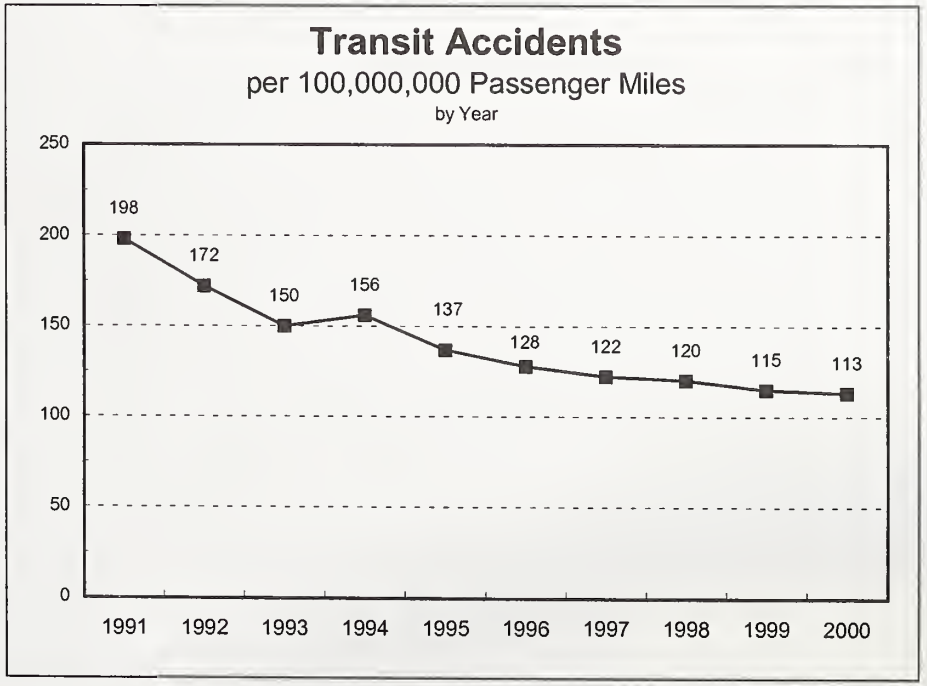


These graphs depict the trends for the total number of *incidents, fatalities,* and *injuries* from all causes, i.e., **Collisions, Derailments, Personal Casualties**, and **Fires.**

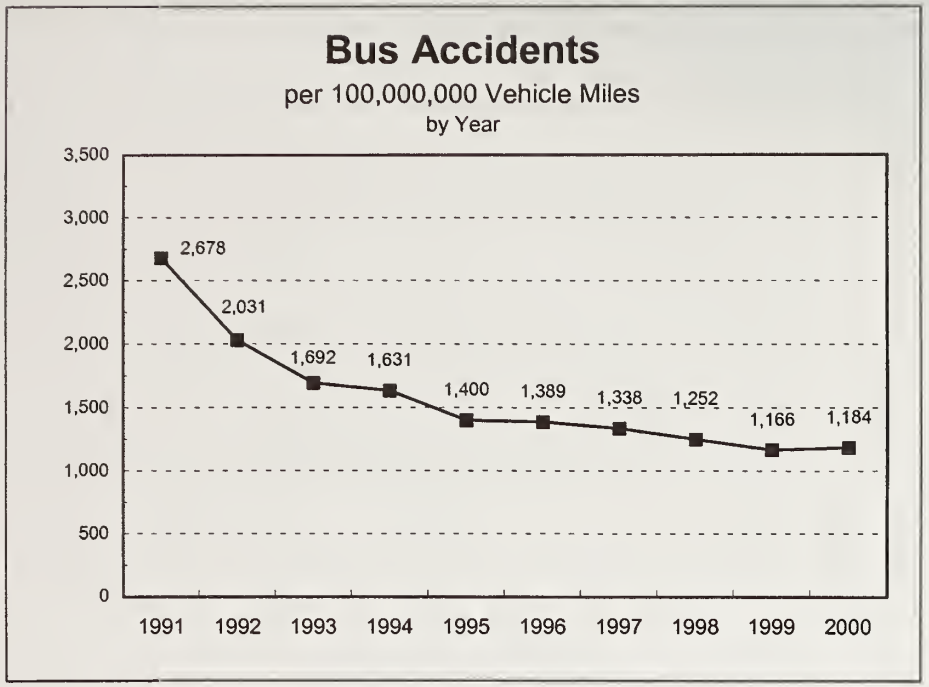
Note: In these trend graphs, the term *Transit* refers to the following modes: MB, CR, HR, LR, AG, DR, VP.



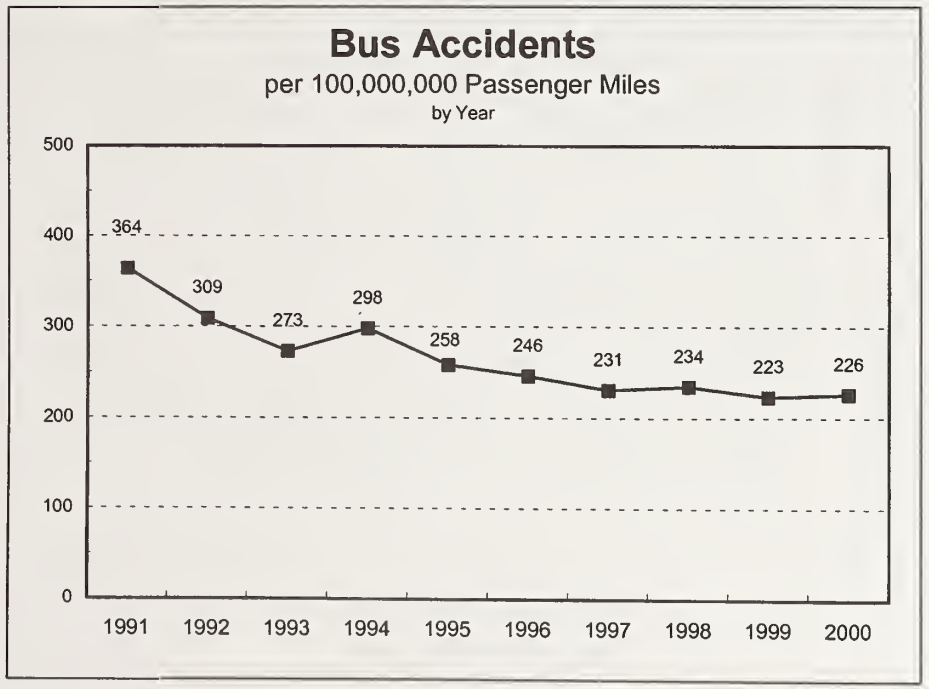
This graph shows the accident rate which is based only on the number of vehicle accidents. These include all vehicle accidents resulting from **Collisions** [with vehicles, objects, people (not suicides)] and **Derailments** (vehicle derailed/left roadway). The vehicle mile figure includes both revenue and non-revenue miles since there are risks present during both types of operation. The three rail modes (Commuter Rail, Heavy Rail, and Light Rail) report car rather than train miles for vehicle miles.



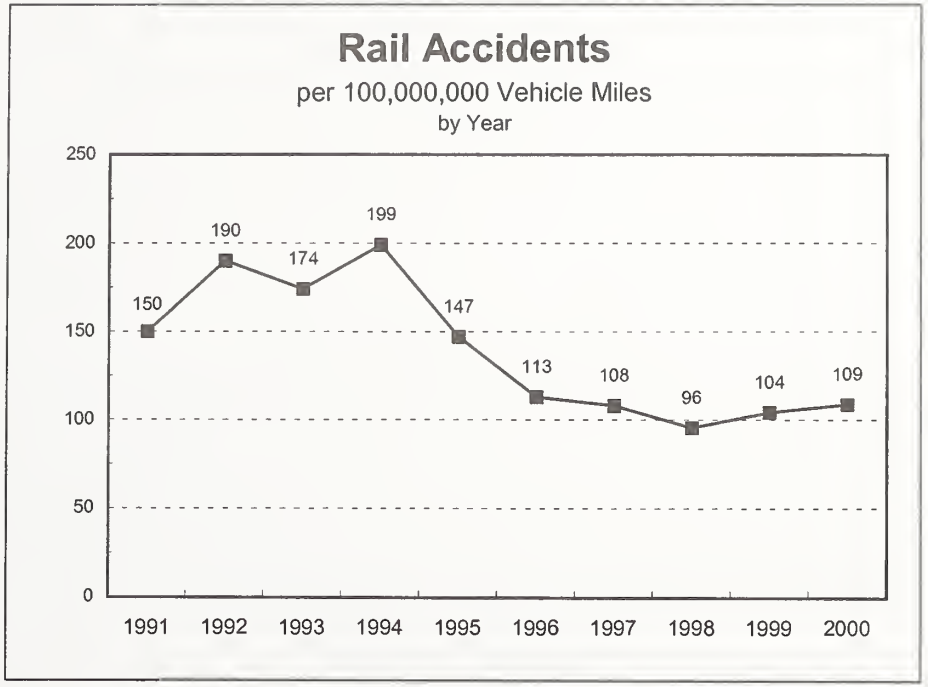
This graph shows the trend for accident (or incident) rates, which result from **Collisions** [with vehicles, objects, people (not suicides)], **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle and entering/exiting the vehicle). When analyzing the results on this page, consider that the number of passengers, and the average trip length all affect the accident rate. This graph differs from the previous graph in that it includes those **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle) associated with the operation of transit vehicles, and is indexed by Passenger Miles.



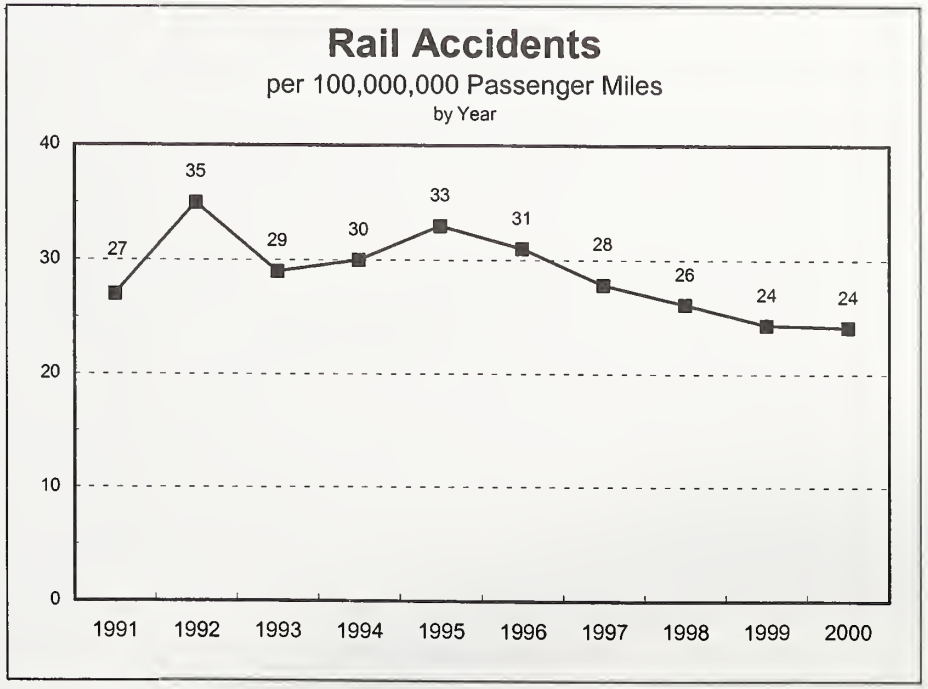
This graph shows the accident rate which is based only on the number of vehicle accidents. These include all bus accidents resulting from **Collisions** (with vehicles, objects, people [not suicides]) and **Derailments** (bus left roadway). The vehicle mile figure includes both revenue and non-revenue miles since there are risks present during both types of operation.



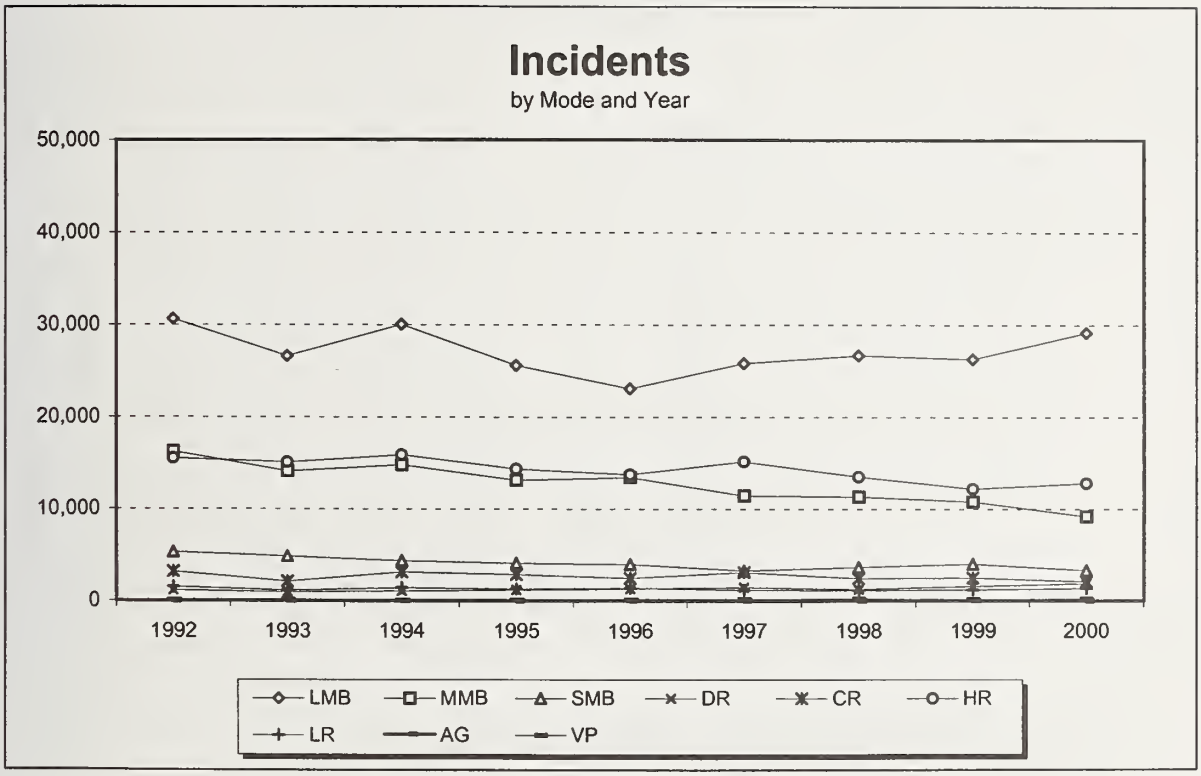
This graph shows the trend for bus accident (or incident) rates, which result from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (bus left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle). When analyzing the results on this page, consider that the number of vehicle accidents, the number of passengers, and the average trip length all affect the accident rate. This graph differs from the previous graph in that it includes **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle), and is indexed by Passenger Miles.



This graph shows the accident rate which is based only on the number of vehicle accidents. These include all rail vehicle accidents resulting from **Collisions** (with vehicles, objects, people [not suicides]) and **Derailments** (bus left roadway). The vehicle mile figure includes both revenue and non-revenue miles since there are risks present during both types of operation. The rail modes (Commuter Rail, Heavy Rail, and Light Rail) report car rather than train miles for vehicle miles.

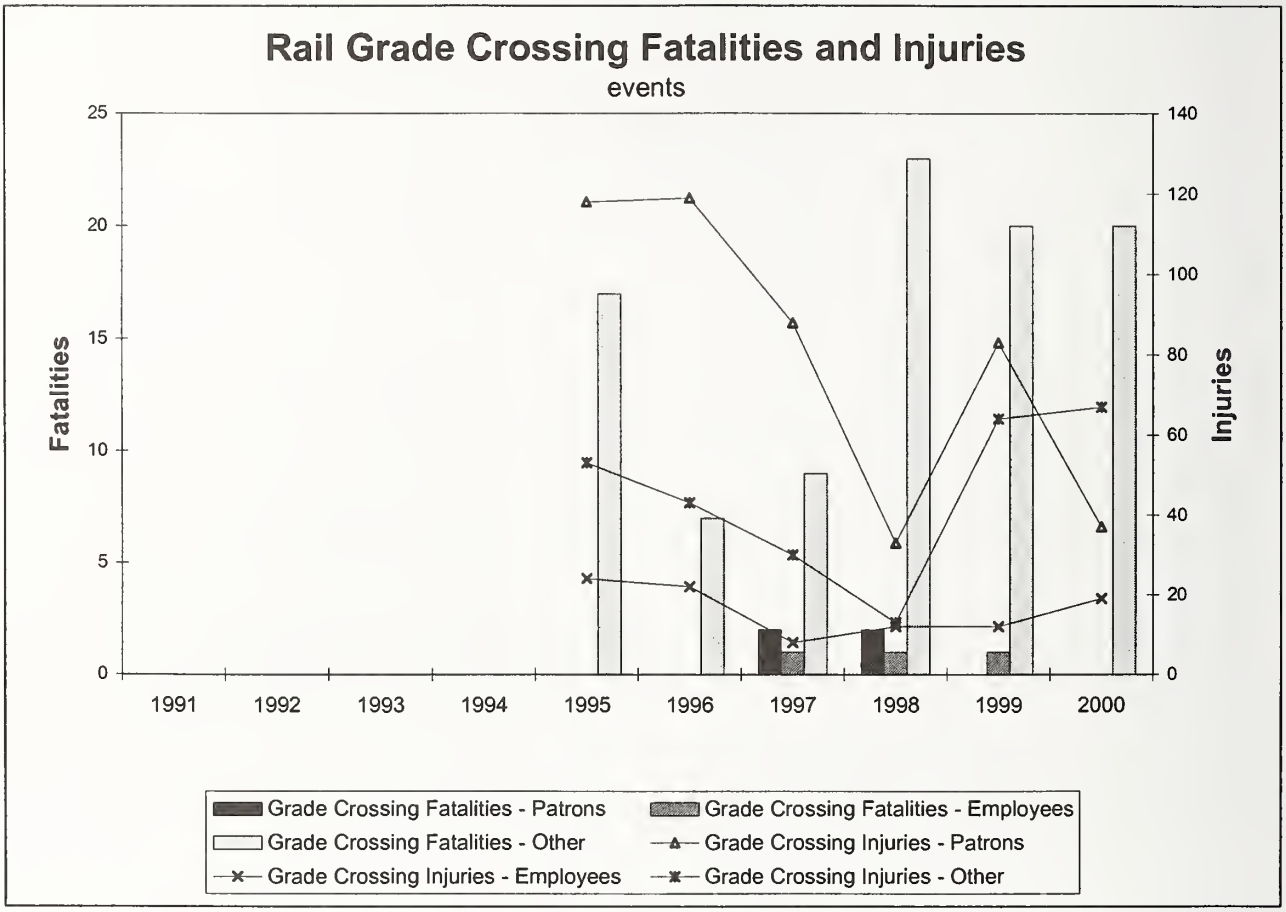


This graph shows the trend for rail vehicle accident (or incident) rates, which result from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle). When analyzing the results on this page, consider that the number of vehicle accidents, the number of passengers, and the average trip length all affect the accident rate. This graph differs from the previous graph in that it includes certain **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle), and is indexed by Passenger Miles.



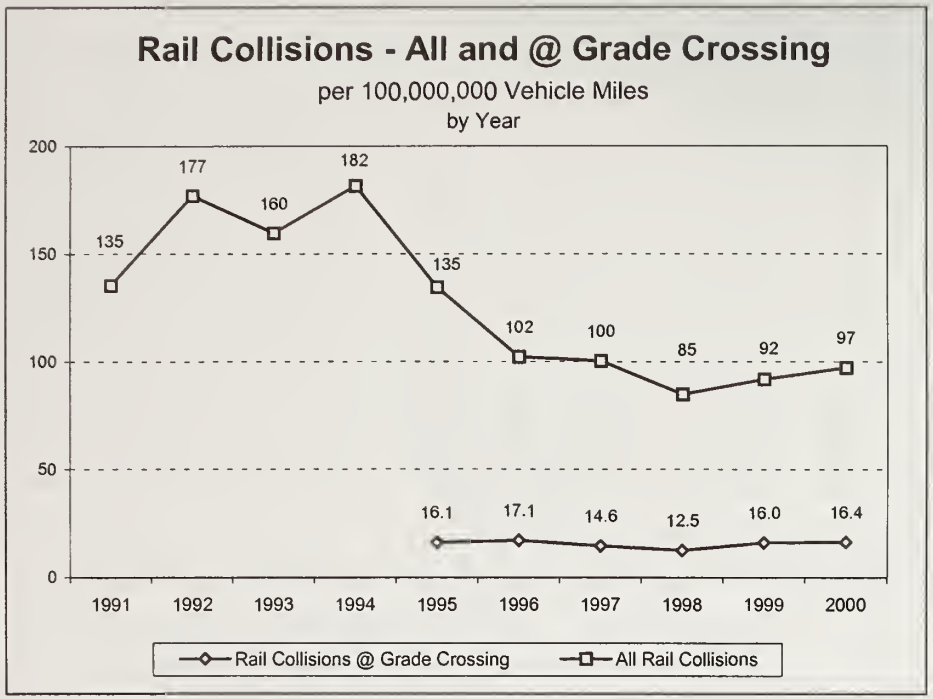
Incidents by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	30,652	26,626	30,038	25,599	23,060	25,833	26,677	26,299	29,179
MMB	16,222	14,109	14,809	13,102	13,437	11,423	11,308	10,813	9,198
SMB	5,308	4,845	4,338	4,079	3,959	3,268	3,631	3,982	3,300
DR	1,137	946	1,062	1,173	1,284	1,454	1,221	1,577	1,871
CR	3,160	2,111	3,115	2,847	2,449	3,078	2,410	2,499	2,072
HR	15,512	15,082	15,869	14,327	13,748	15,151	13,516	12,196	12,782
LR	1,492	1,136	1,413	1,276	1,350	1,173	1,121	1,182	1,319
AG	8	10	10	10	25	19	16	20	17
VP	40	121	39	58	80	162	194	135	160
Total	73,831	64,986	70,693	62,471	59,392	61,561	60,094	58,703	59,898

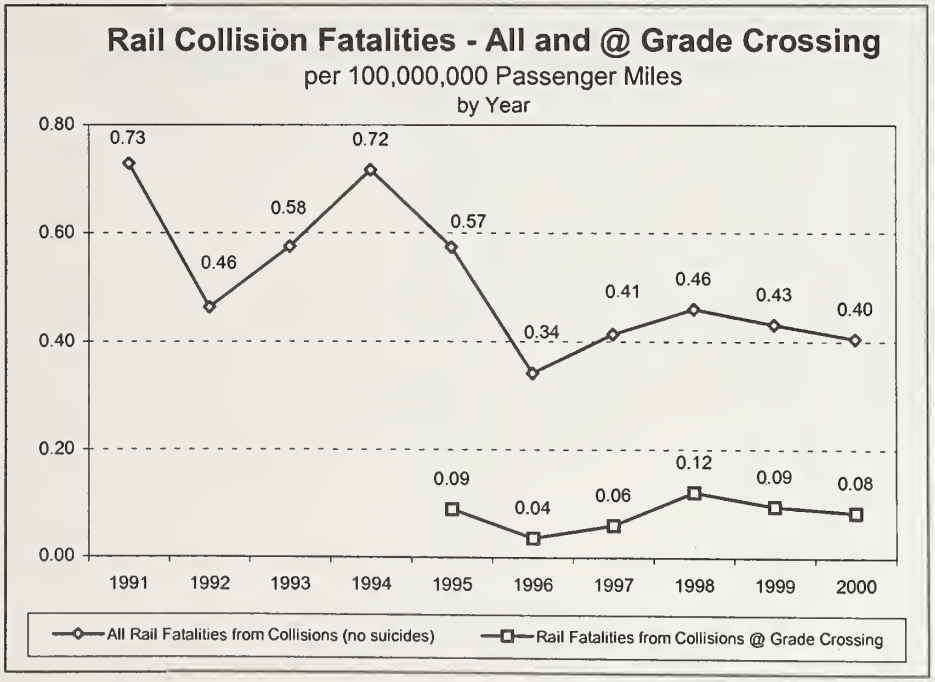


This graph shows the *fatalities* (bars) and *injuries* (lines) that occur at grade crossings. Note that the fatality scale is on the left and the injury scale is on the right side of the chart.

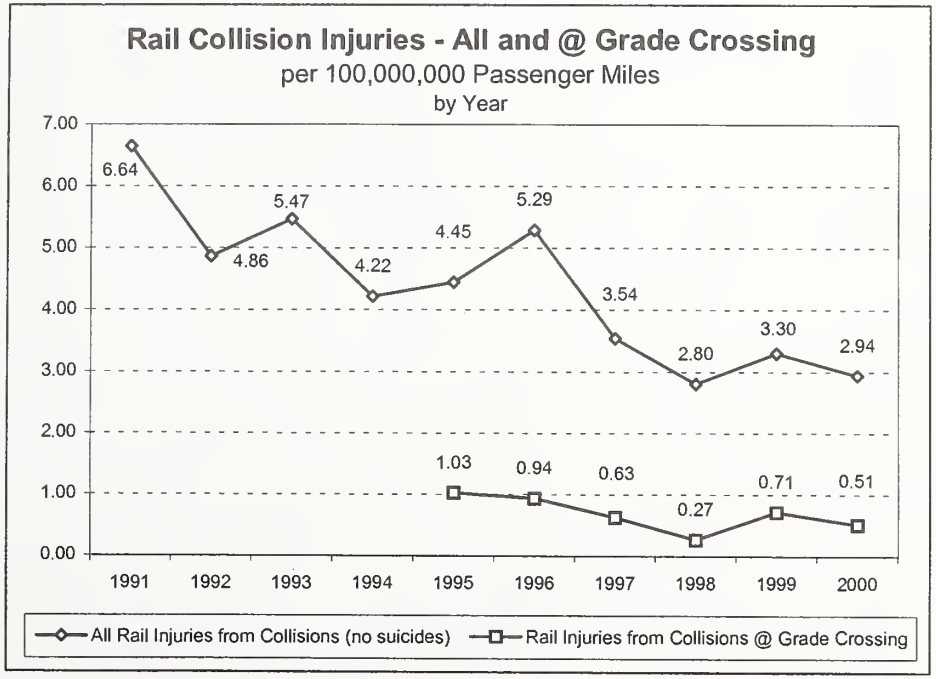
Note that all of the fatalities are Others (e.g., pedestrians, trespassers, etc.). The majority of injuries are also now Others, too.



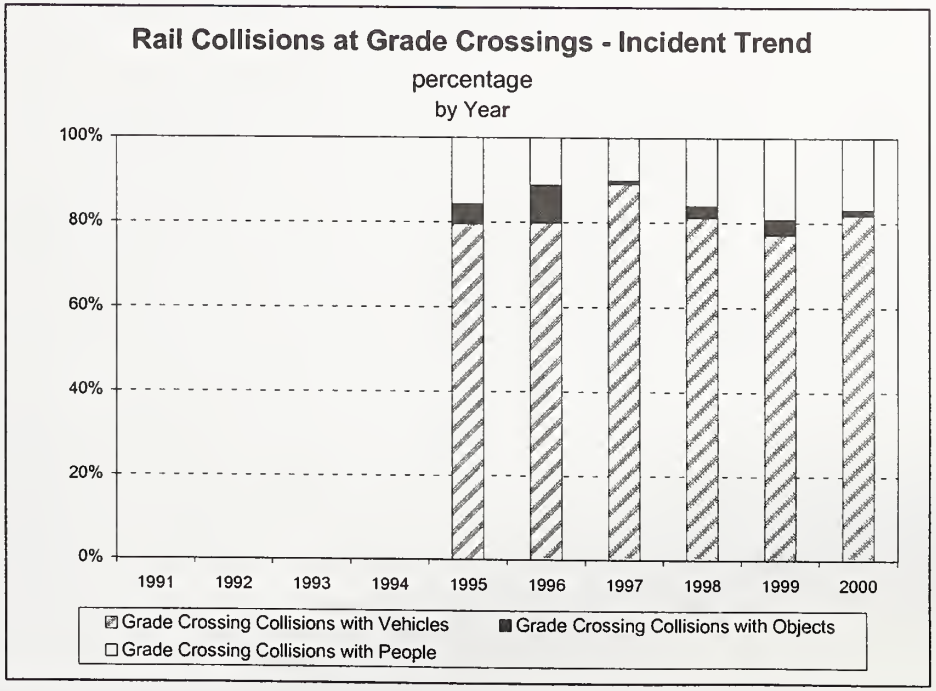
This graph shows the collision rate which is based only on the number of vehicle accidents. These include all rail vehicle accidents resulting from **Collisions** (with vehicles, objects, people [not suicides]). The Rail Collisions @ Grade Crossings rate is a subset of the All Rail Collisions rate. The vehicle-mile figure includes both revenue and non-revenue miles since there are risks present during both types of operation. The rail modes (Commuter Rail, Heavy Rail, and Light Rail) report car rather than train miles for vehicle-miles. For example, a CR locomotive and 3 cars traveling 10 miles accrues 30 vehicle-miles (locomotive not counted, only passenger cars).



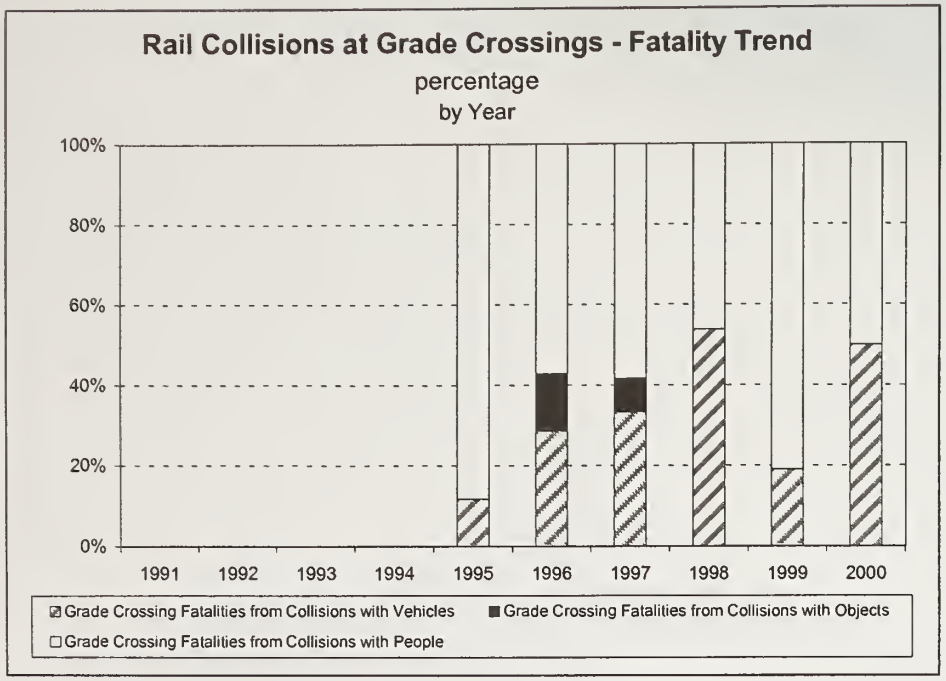
These statistics represent *fatalities* resulting from all Rail **Collisions** (with vehicles, objects, people [not suicides]) and the corresponding subset of *fatalities* that occurred due to these collisions at Grade Crossings. When analyzing the results on this page, consider that the number of rail vehicle collisions, the number of passengers, and the average trip length all affect the collision rate.



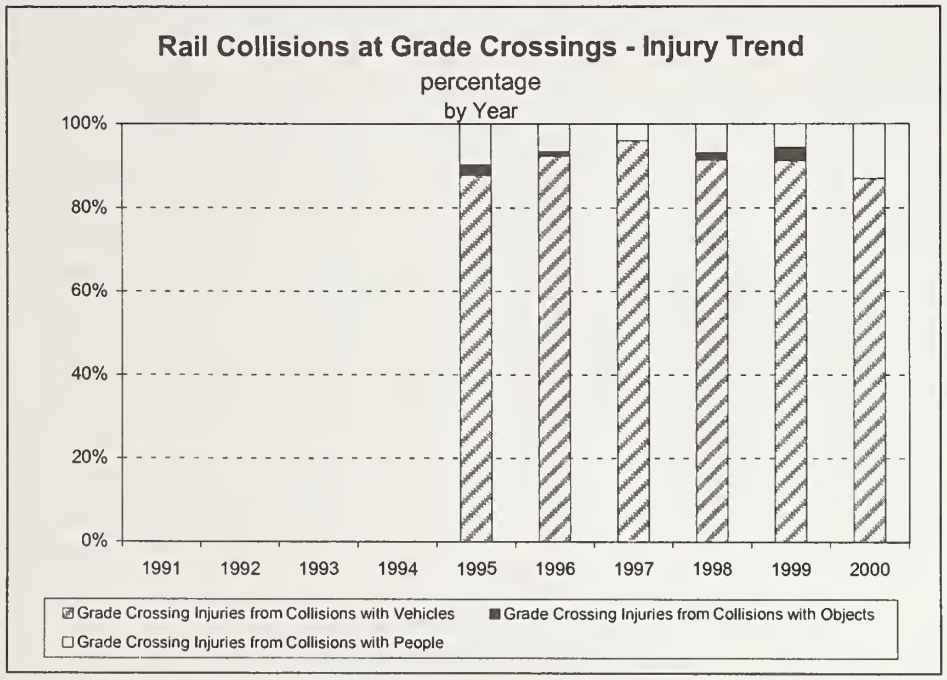
These statistics represent *injuries* resulting from all Rail **Collisions** (with vehicles, objects, people [not suicide attempts]) and the corresponding subset of *injuries* that occurred due to these collisions at Grade Crossings. When analyzing the results on this page, consider that the number of rail vehicle collisions, the number of passengers, and the average trip length all affect the collision rate.



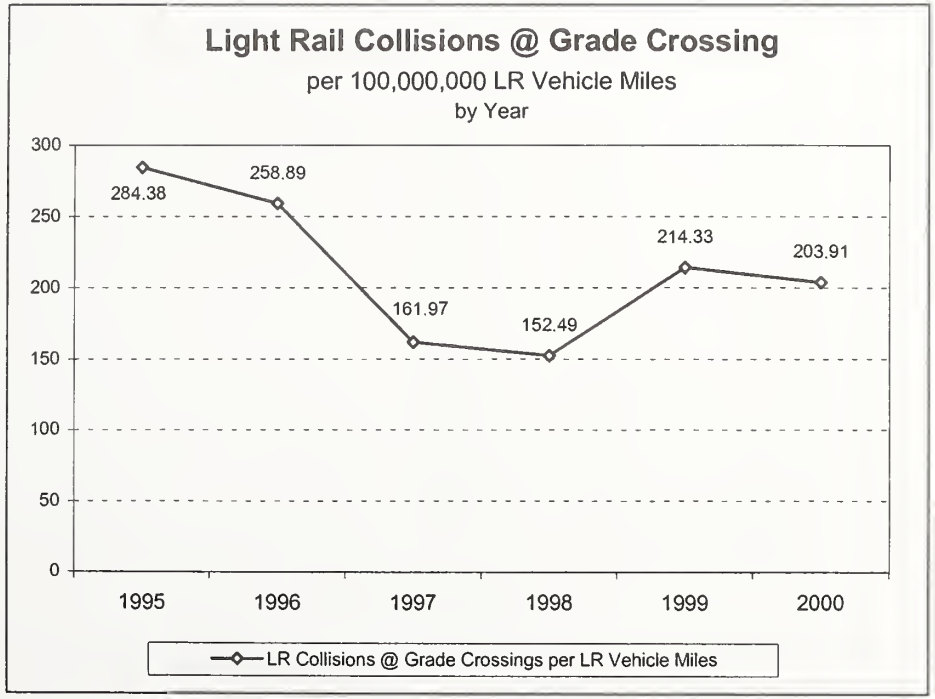
This graph shows the percentage of each type of grade crossing *incident* (i.e., Collisions with other vehicles, objects, and people) to the total **Collisions at grade crossings**.



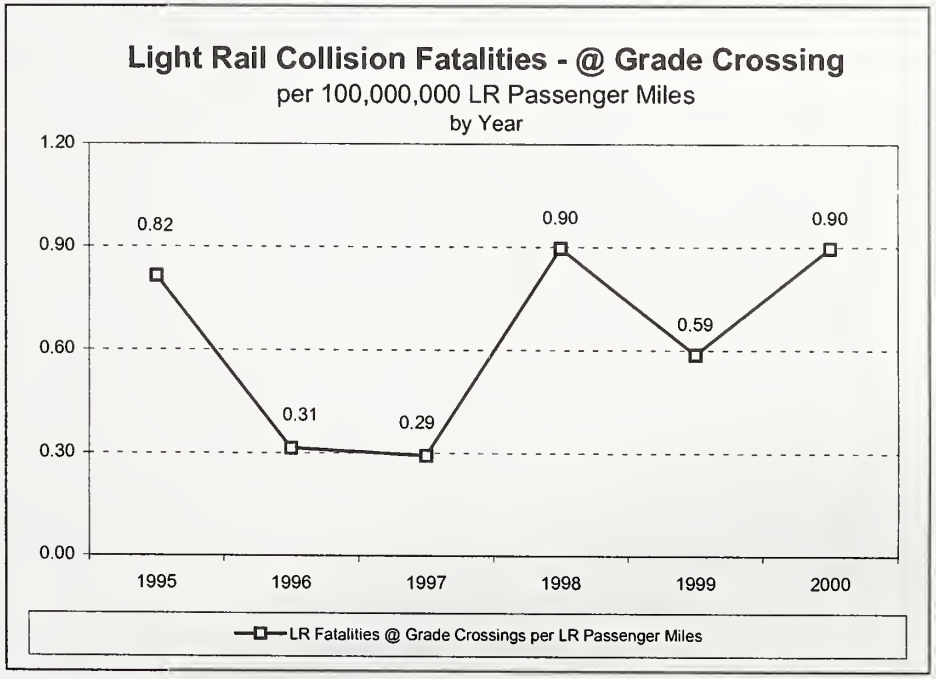
This graph shows the percentage of each type of grade crossing *fatality* (i.e., Collisions with other vehicles, objects, and people) to the total **Fatalities at grade crossings**.



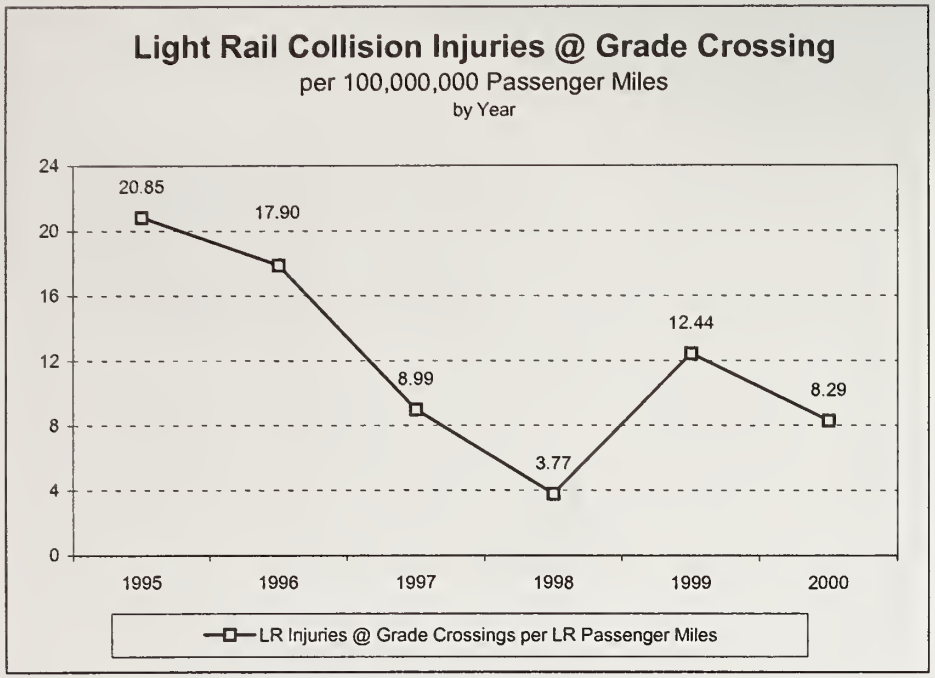
This graph shows the percentage of each type of grade crossing *injury* (i.e., Collisions with other vehicles, objects, and people) to the total **Injuries at grade crossings**.



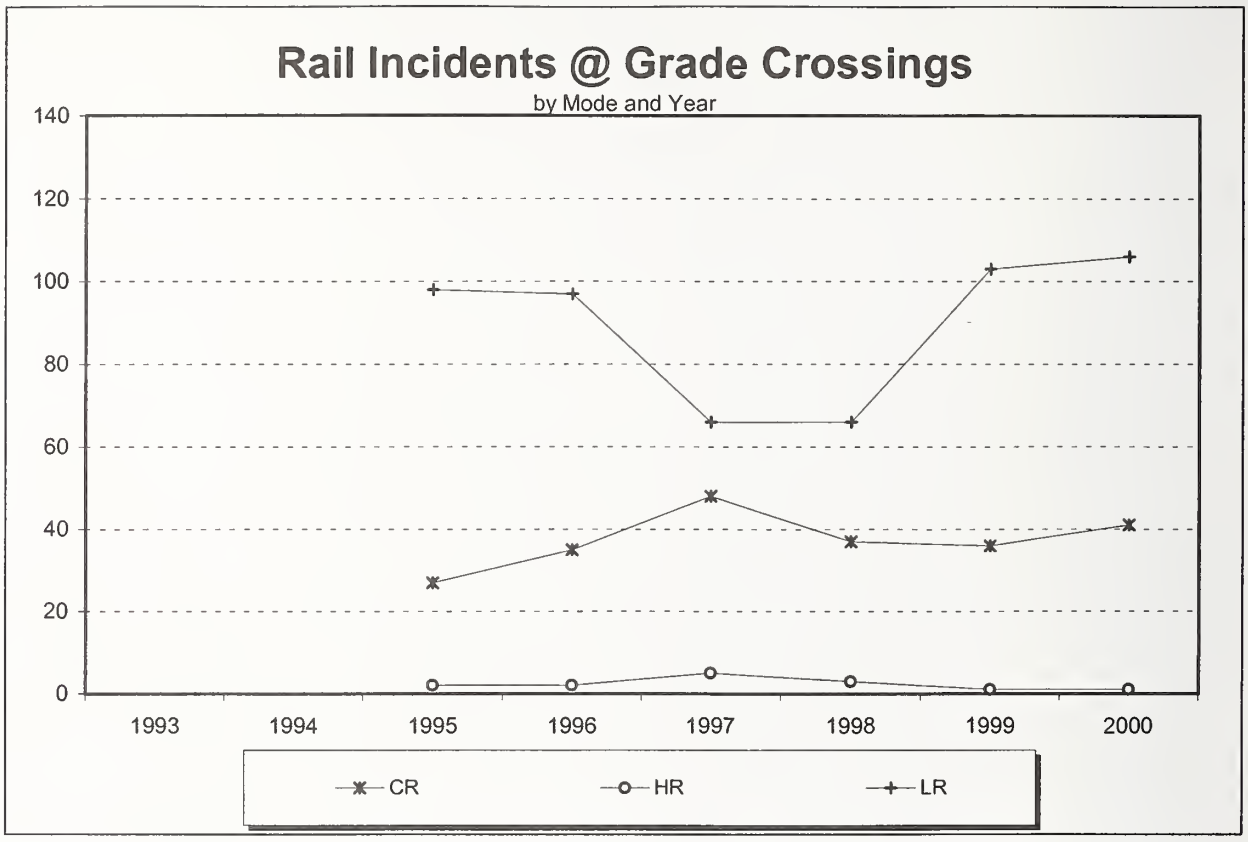
This includes light rail vehicle accidents resulting from **Collisions @ Grade Crossings** (with vehicles, objects, people). The LR vehicle mile figure includes both revenue and non-revenue miles since there are risks present during both types of operation.



These statistics represent *fatalities* resulting from all Light Rail **Collisions @ Grade Crossings** (with vehicles, objects, people). When analyzing the results on this page, consider that the number of collisions, the number of passengers, and the average trip length all affect the collision rate.



These statistics represent *injuries* resulting from all Light Rail **Collisions @ Grade Crossings** (with vehicles, objects, people). When analyzing the results on this page, consider that the number of collisions, the number of passengers, and the average trip length all affect the collision rate.

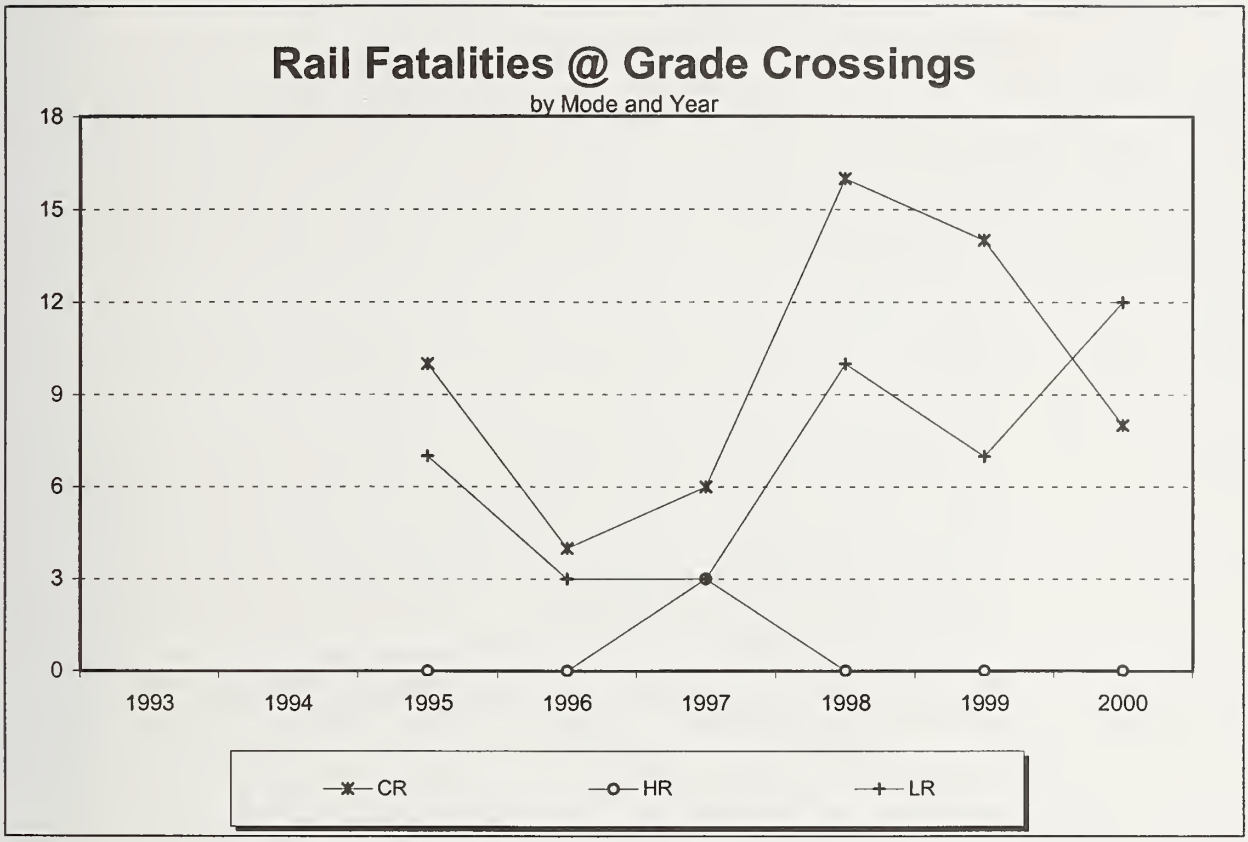


Rail Grade Crossing Incidents by Mode and Year

	1993	1994	1995	1996	1997	1998	1999	2000
CR			27	35	48	37	36	41
HR			2	2	5	3	1	1
LR			98	97	66	66	103	106
Total			127	134	119	106	140	148

Incidents @ Grade Crossing Breakout

CR	1995	1996	1997	1998	1999	2000
with Vehicles	17	21	43	26	21	30
with Objects	2	11	1	1	2	2
with People	8	3	4	10	13	9
HR						
With Vehicles	1	2	2	2	1	1
With Objects	1	0	0	1	0	0
With People	0	0	3	0	0	0
LR						
With Vehicles	83	84	61	58	86	90
With Objects	3	1	0	1	3	0
With People	12	12	5	7	14	16



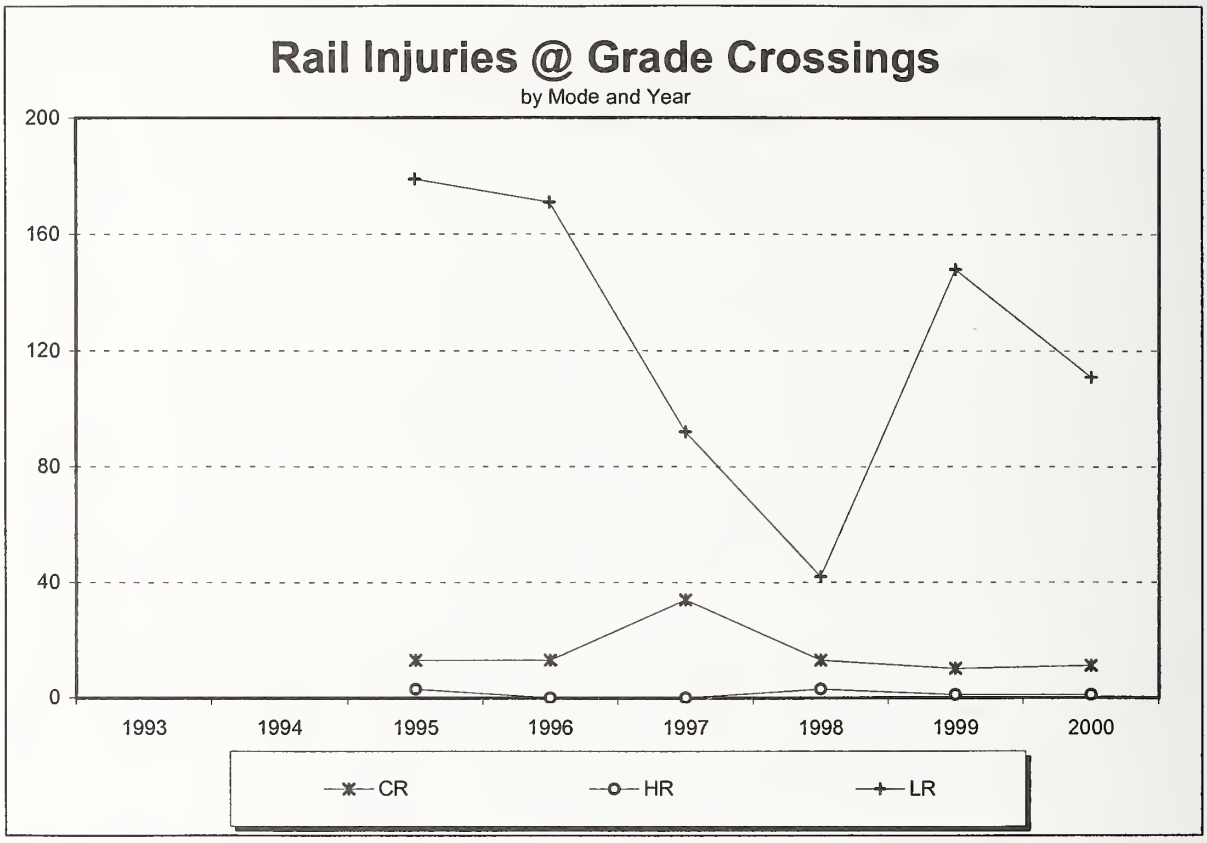
Grade Crossing Fatalities by Mode and Year

	1993	1994	1995	1996	1997	1998	1999	2000
CR			10	4	6	16	14	8
HR			0	0	3	0	0	0
LR			7	3	3	10	7	12
Total			17	7	12	26	21	20

Fatalities @ Grade Crossing Breakout

CR	1995	1996	1997	1998	1999	2000
with Vehicles	2	1	4	12	3	1
with Objects	0	1	1	0	0	0
with People	8	2	1	4	11	7
HR						
With Vehicles	0	0	0	0	0	0
With Objects	0	0	0	0	0	0
With People	0	0	3	0	0	0
LR						
With Vehicles	0	1	0	2	1	9
With Objects	0	0	0	0	0	0
With People	7	2	3	8	6	3

note: 2000 fatalities at grade crossings consisted of: 0 patrons, 0 employees, and 20 others

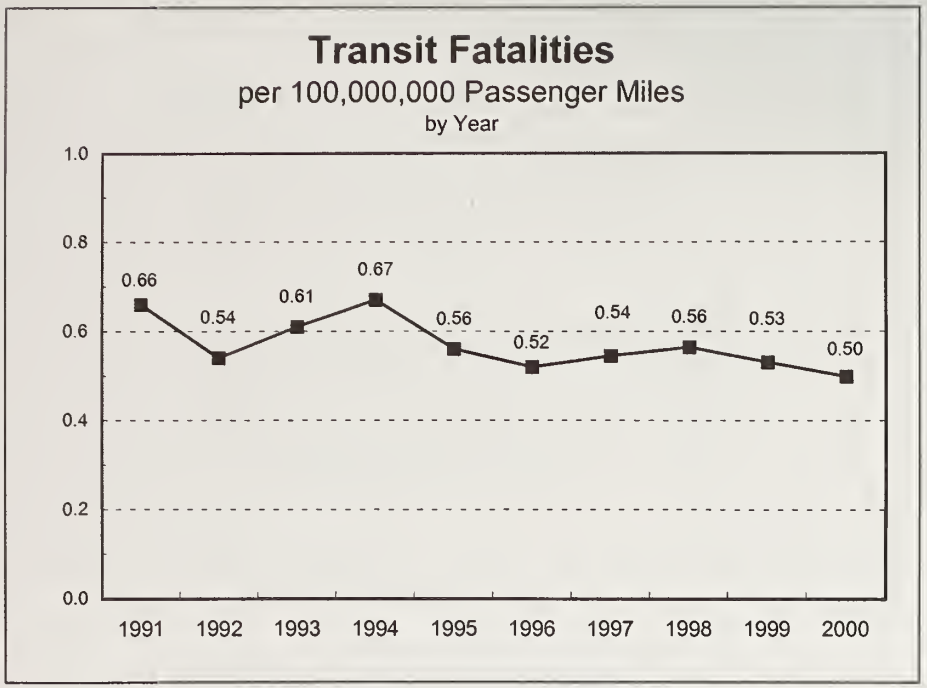


Grade Crossing Injuries by Mode and Year

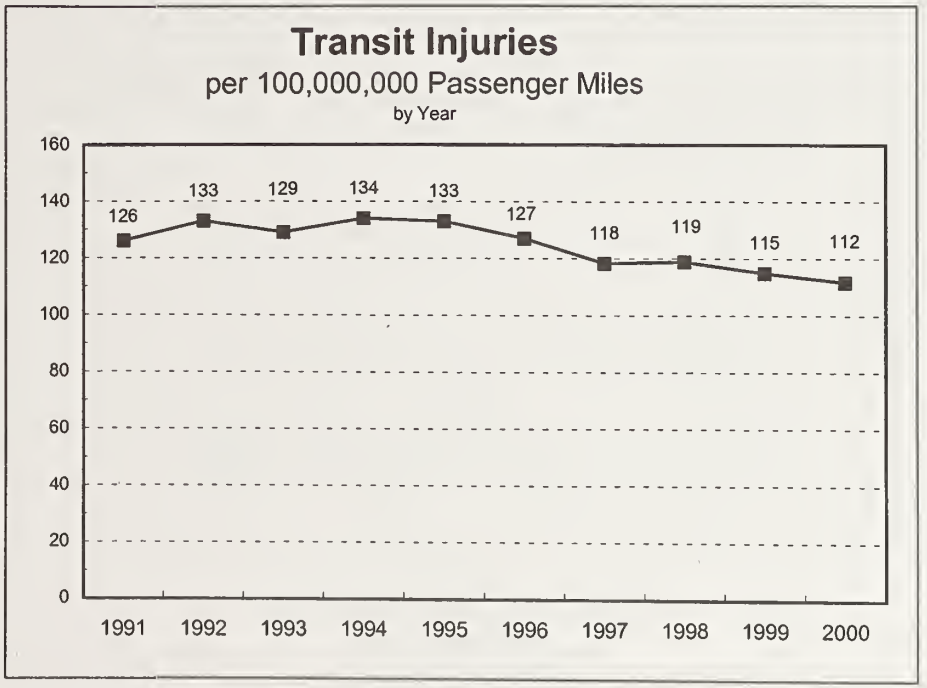
	1993	1994	1995	1996	1997	1998	1999	2000
CR			13	13	34	13	10	11
HR			3	0	0	3	1	1
LR			179	171	92	42	148	111
Total			195	184	126	58	159	123

Injuries @ Grade Crossing Breakout

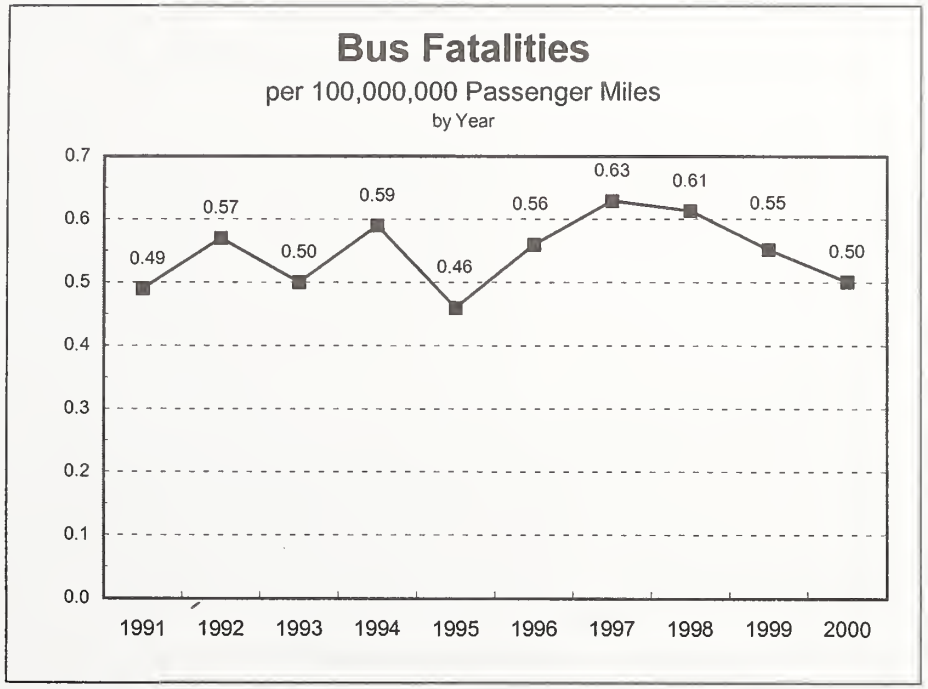
CR	1995	1996	1997	1998	1999	2000
with Vehicles	10	12	31	9	7	9
with Objects	2	0	0	0	1	0
with People	1	1	3	3	2	2
HR						
With Vehicles	3	0	0	3	1	1
With Objects	0	0	0	0	0	0
With People	0	0	0	0	0	0
LR						
With Vehicles	158	34	90	41	137	97
With Objects	3	0	0	1	4	0
With People	18	4	2	0	7	14



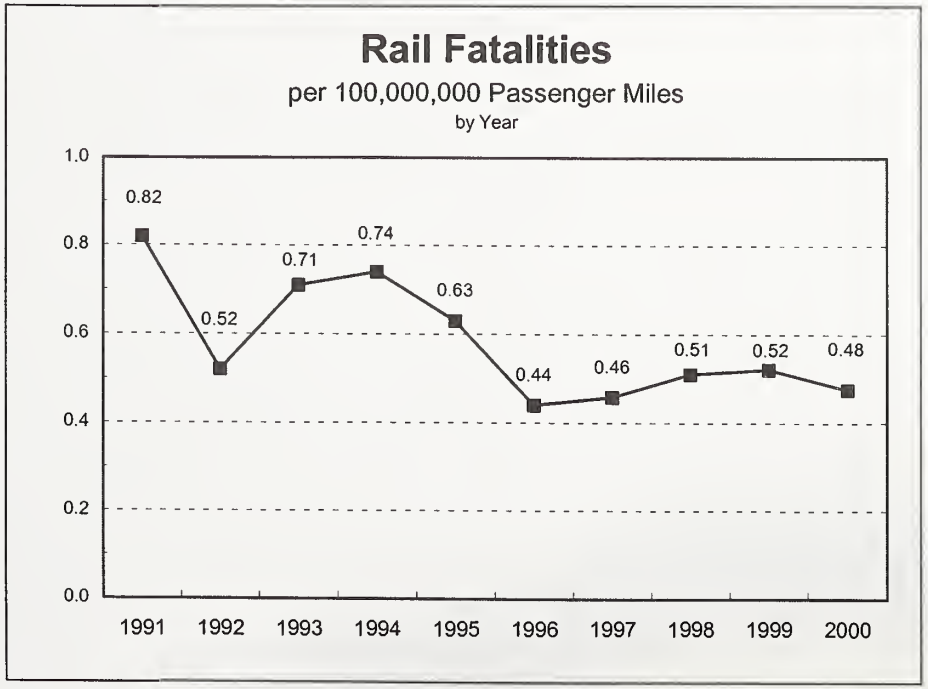
This graph represents *fatalities* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and those **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle) associated with the operation of transit vehicles. This rate can be compared to the strategic goal for transit fatalities per 100,00,000 passenger miles set by the GPRA. In 2000, the goal of 0.5020 was reached, as the real rate was 0.4991.



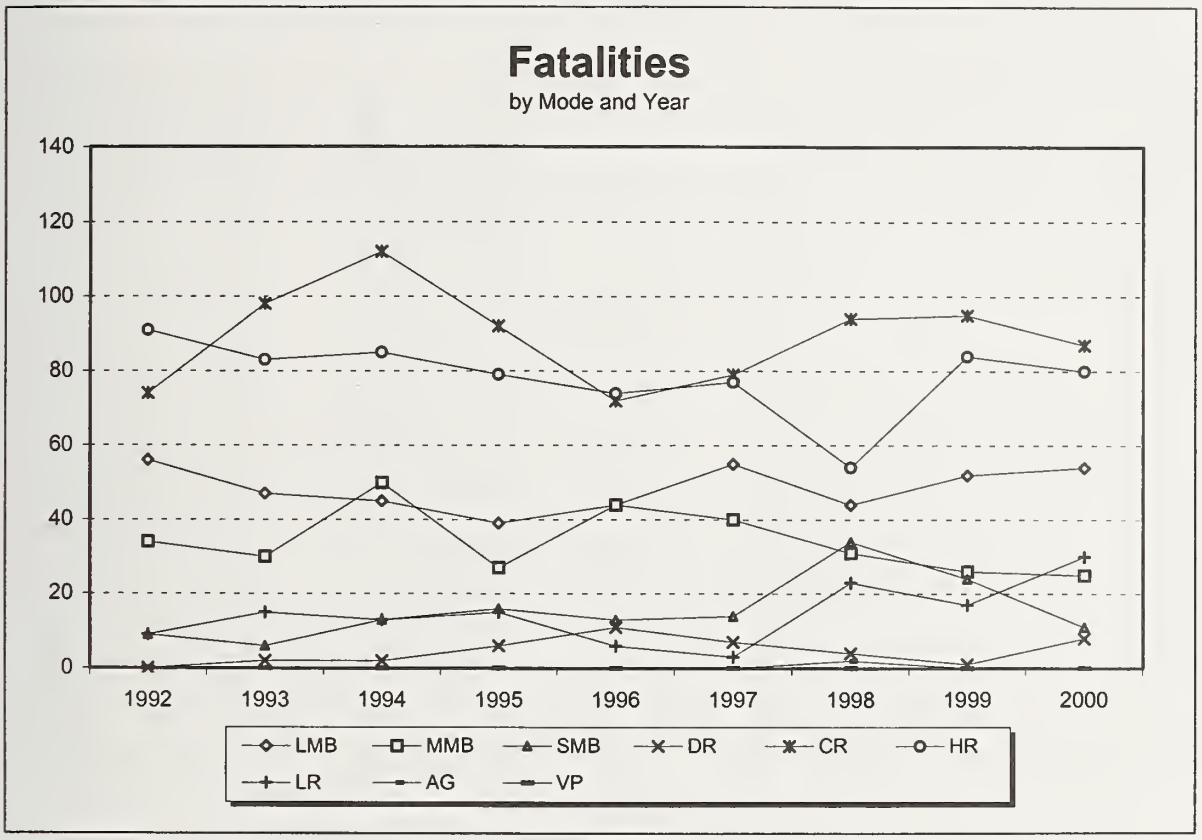
The statistics to the left represent *injuries* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and those **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle) associated with the operation of transit vehicles.



The statistics to the left represent bus *fatalities* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle).

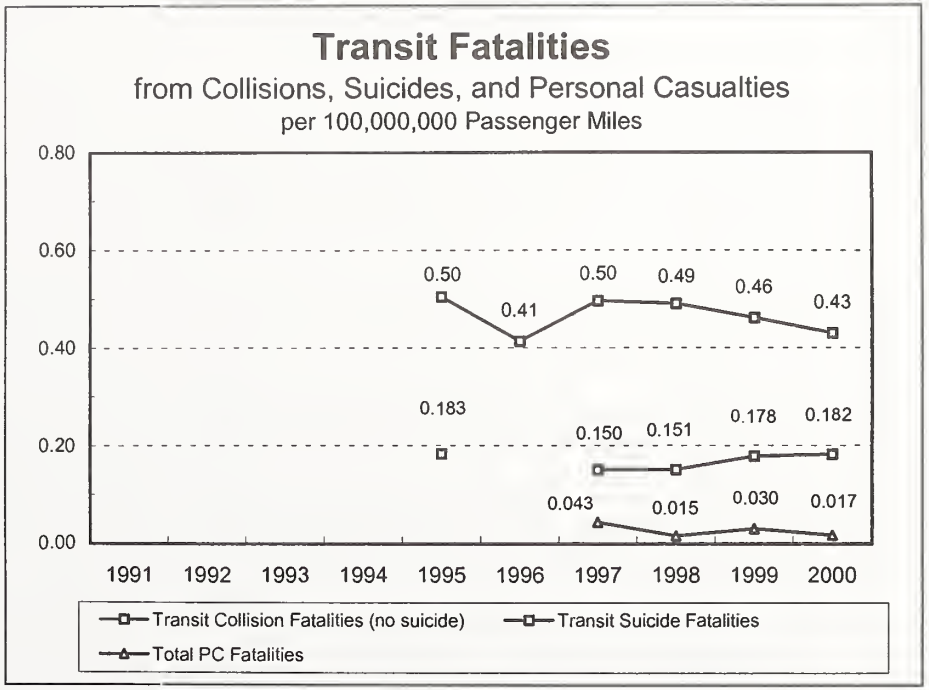


This graph shows rail *fatalities* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle).

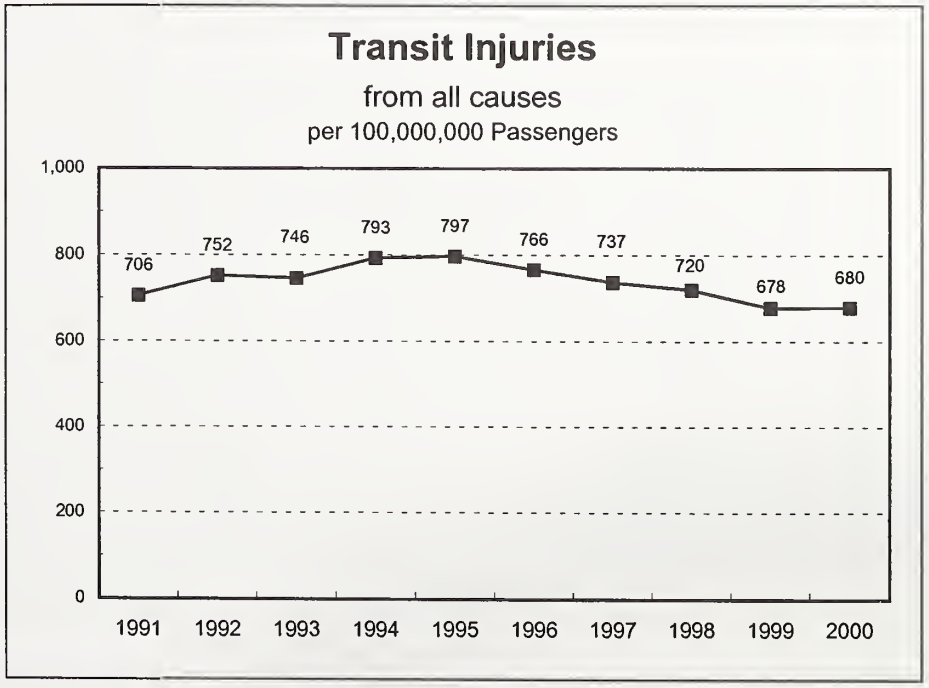


Fatalities by Mode and Year

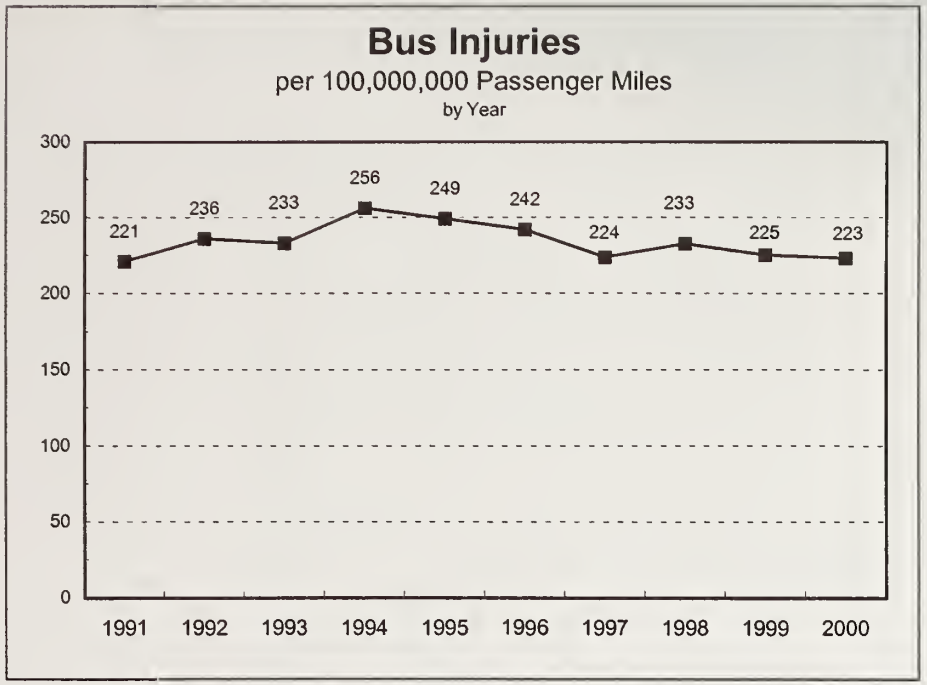
	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	56	47	45	39	44	55	44	52	54
MMB	34	30	50	27	44	40	31	26	25
SMB	9	6	13	16	13	14	34	24	11
DR	0	2	2	6	11	7	4	1	8
CR	74	98	112	92	72	79	94	95	87
HR	91	83	85	79	74	77	54	84	80
LR	9	15	13	15	6	3	23	17	30
AG	0	0	0	0	0	0	2	0	0
VP	0	0	0	0	0	0	0	0	0
Total	273	281	320	274	264	275	286	299	295



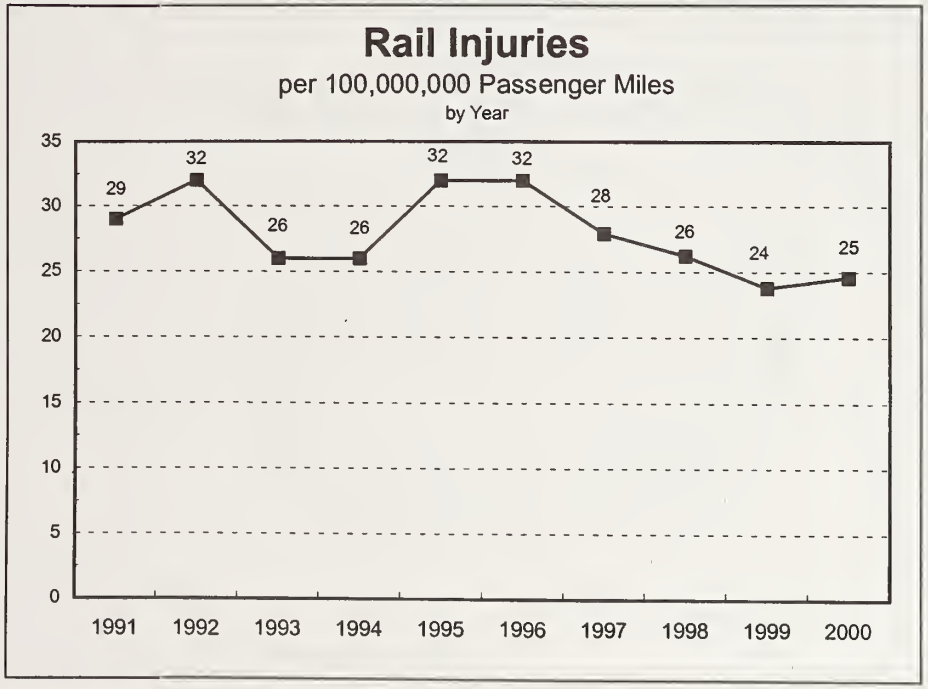
This graph depicts the trend for the fatality rate from **Collisions** (not including suicides) alone, the trend for total transit **suicides**, and the trend for fatalities from all **Personal Casualities**.



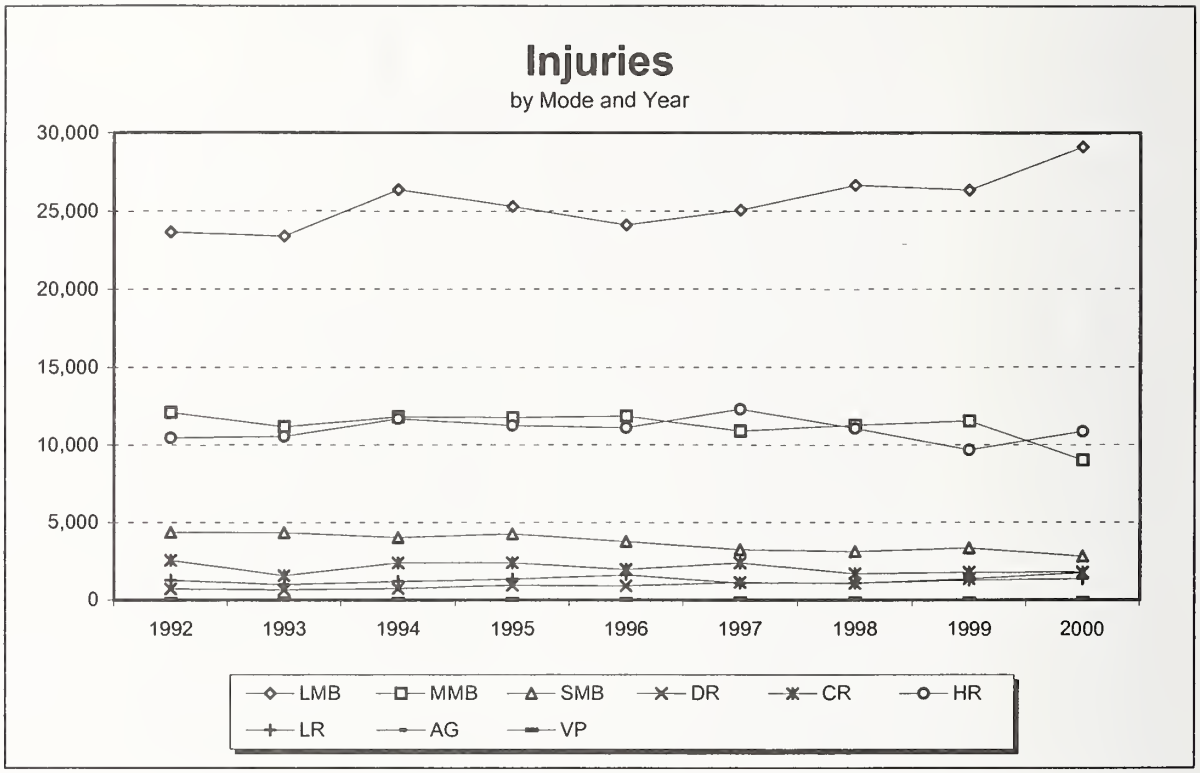
This graph depicts the trend for the injury rate from all causes (except suicides) listed in the Transit Safety Form (405), i.e., **Collisions, Derailments, Personal Casualties,** and **Fires.**



The statistics to the left represent bus *injuries* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle).



These statistics represent rail *injuries* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments**, and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle). **Personal Casualties** that occur in stations and parking facilities are not part of this measure because they are not generally caused by the operation of rail vehicles.



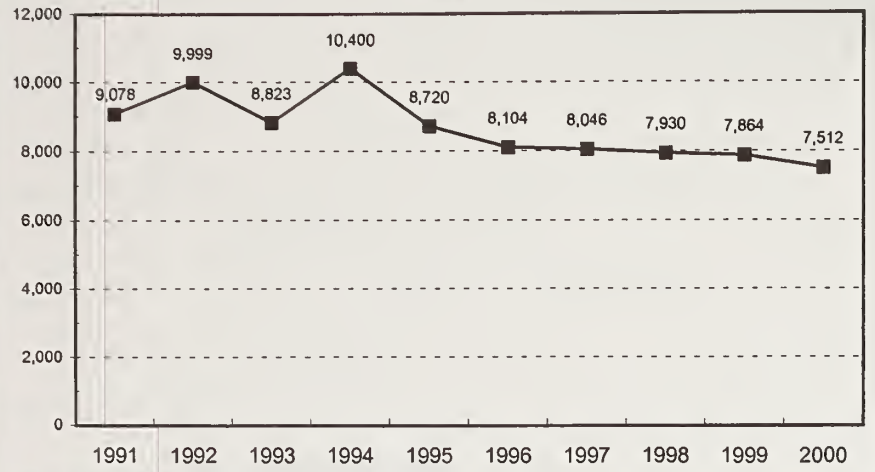
Injuries by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	23,654	23,393	26,365	25,284	24,111	25,058	26,671	26,360	29,116
MMB	12,090	11,153	11,798	11,756	11,843	10,882	11,255	11,527	9,004
SMB	4,346	4,327	4,032	4,257	3,755	3,241	3,109	3,334	2,805
DR	713	652	731	935	882	1,121	1,064	1,345	1,736
CR	2,546	1,560	2,374	2,374	1,953	2,388	1,677	1,761	1,783
HR	10,446	10,532	11,673	11,238	11,093	12,285	11,059	9,665	10,848
LR	1,268	982	1,181	1,319	1,604	1,087	1,076	1,271	1,338
AG	7	10	10	8	20	16	12	21	15
VP	19	59	29	25	27	54	67	41	52
Total	55,089	52,668	58,193	57,196	55,288	56,132	55,990	55,325	56,697

Entering/Exiting the Transit Vehicle*

Injuries

by Year

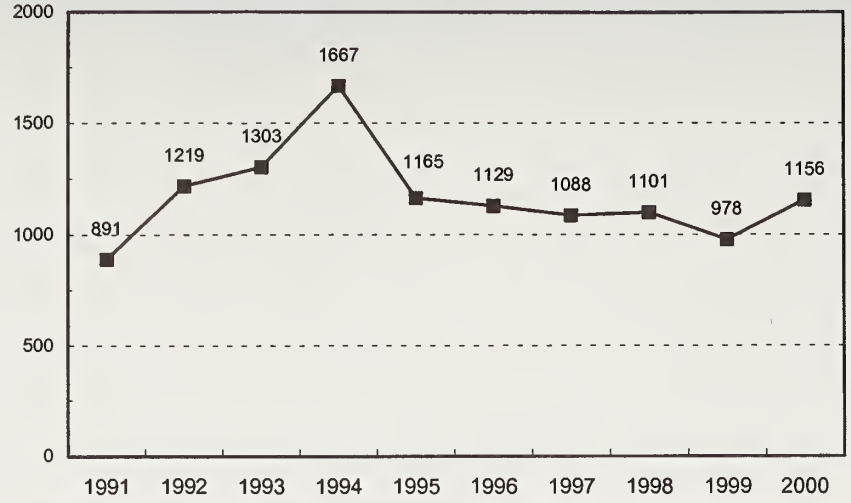


* This is a sub-category of Personal Casualties.
It includes figures associated with Lifts.

Escalator Injuries

In Transit Stations/Bus Stops*

by Year

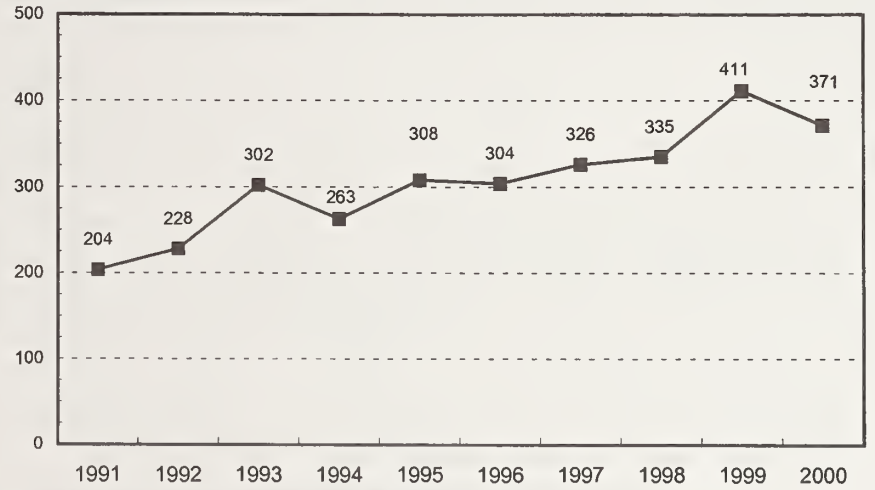


* This is a sub-category of Personal Casualties.

Lift Injuries

While Entering/Exiting the Transit Vehicle*

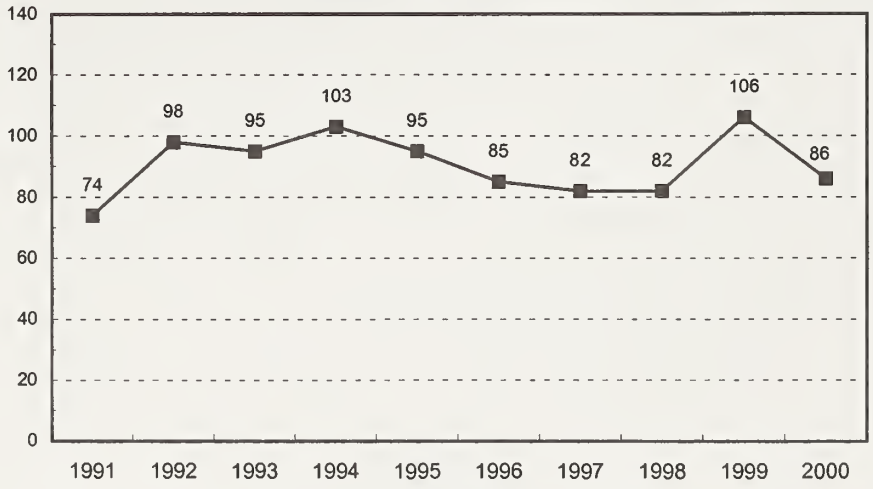
by Year



* This is a sub-category of Personal Casualties.

Transit Suicides*

by Year

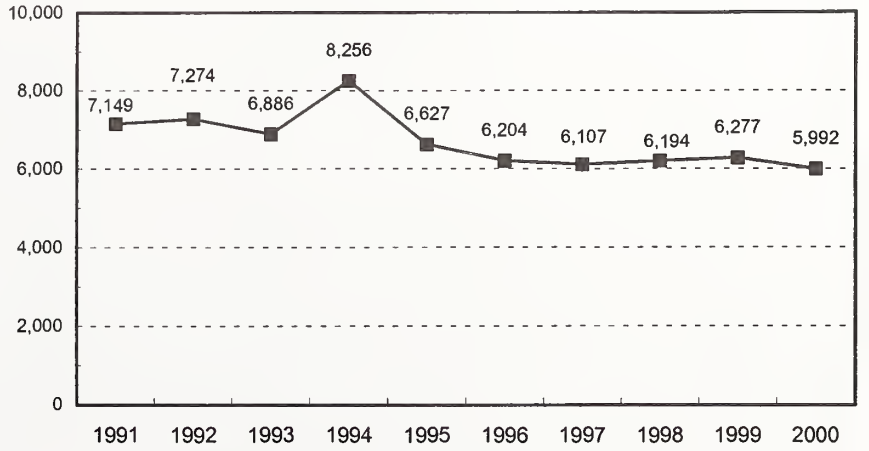


* Incidents of attempted suicides. These include fatalities, injuries, and unharmed. This is a sub-category of Collisions (with people).

Entering/Exiting the Bus*

Injuries

by Year

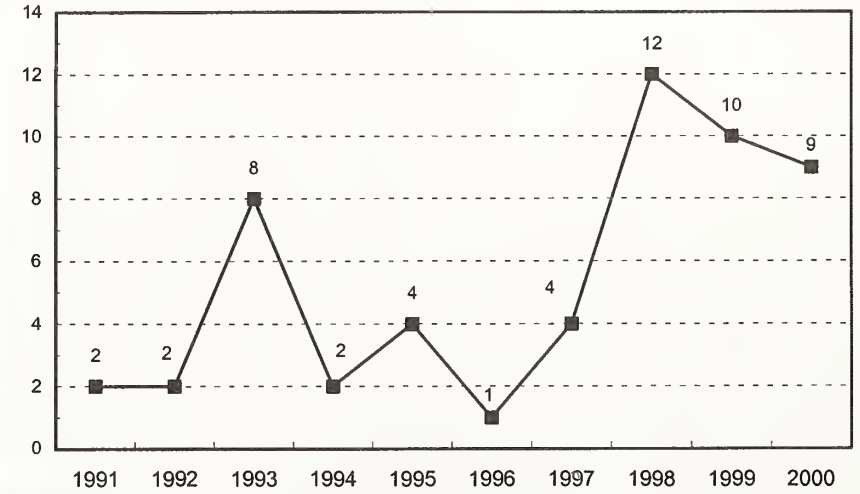


* This is a sub-category of Personal Casualties.
It includes figures associated with Lifts.

Escalator Injuries

In Bus Stops*

by Year

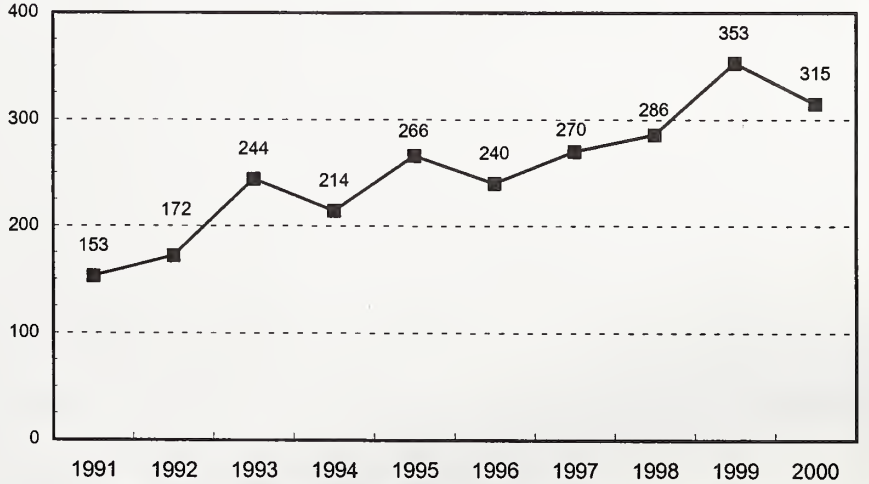


* This is a sub-category of Personal Casualties.

Lift Injuries

While Entering/Exiting the Bus*

by Year

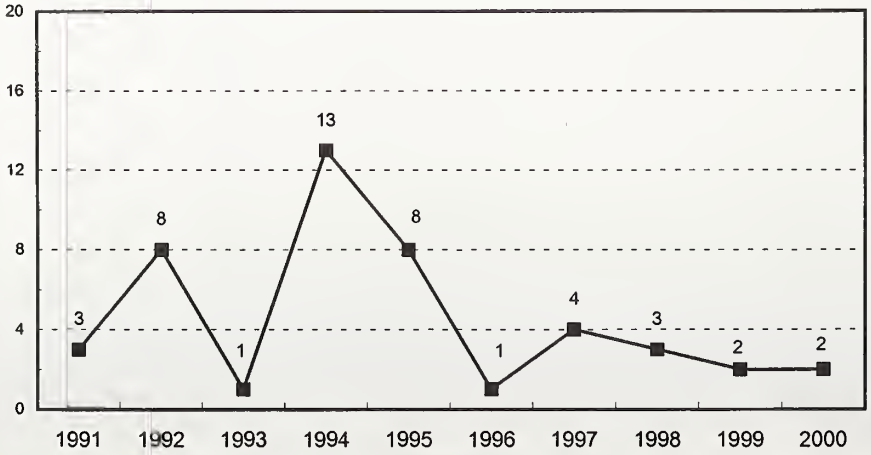


* This is a sub-category of Personal Casualties.

Suicides*

by means of Buses

by Year

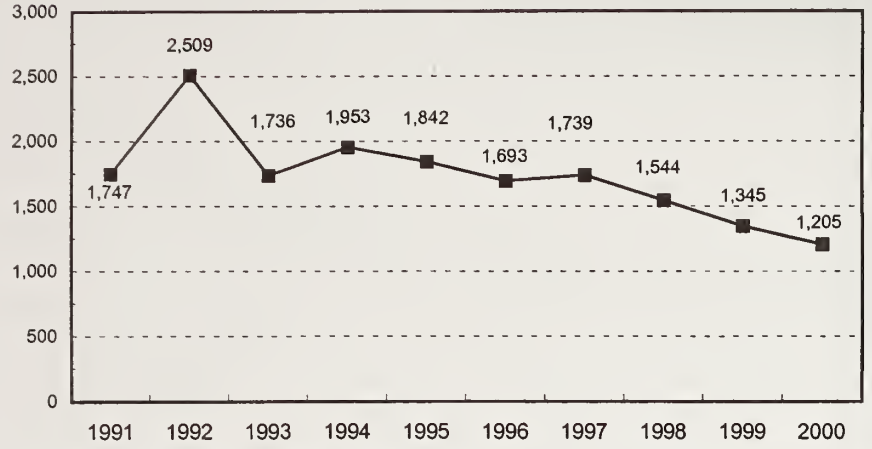


* Incidents of attempted suicides. They include fatalities, injuries, and unharmed. This is a sub-category of Collisions (with people)

Entering/Exiting the Rail Vehicle*

Injuries

by Year

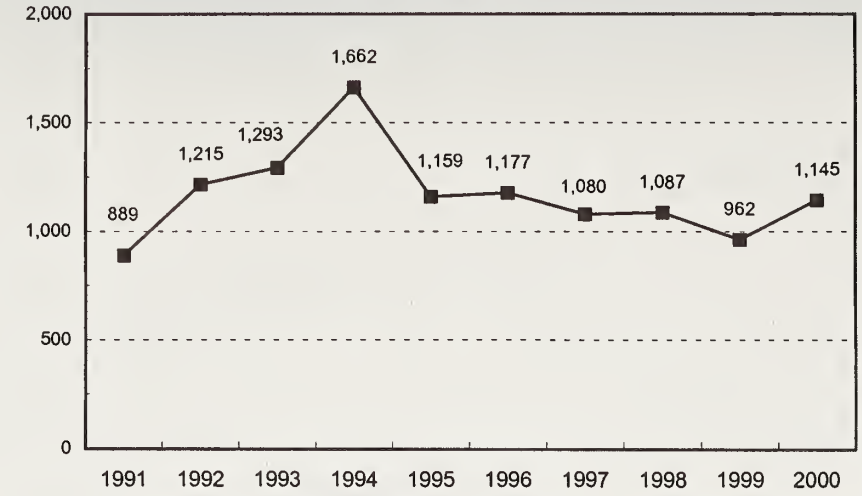


* This is a sub-category of Personal Casualties.
It includes figures associated with Lifts.

Escalator Injuries

In Rail Stations*

by Year

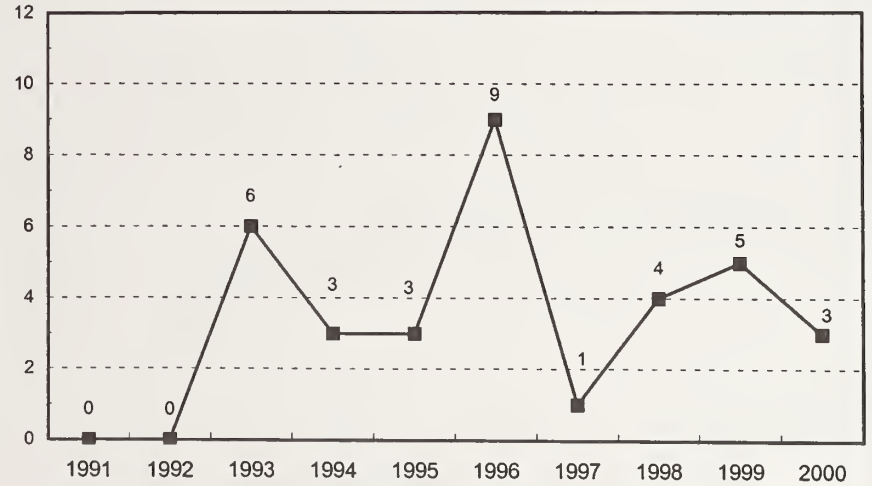


* This is a sub-category of Personal Casualties.

Lift Injuries

While Entering/Exiting the Rail Vehicle*

by Year

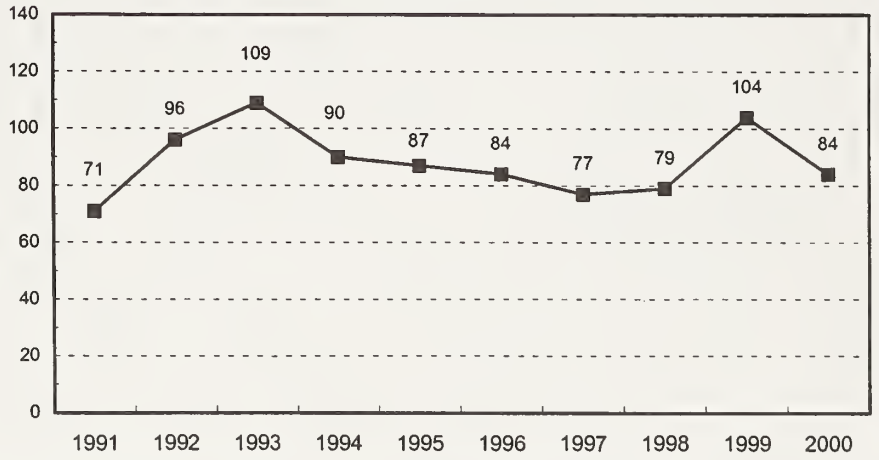


* This is a sub-category of Personal Casualties.

Suicides*

by means of Rail Vehicles

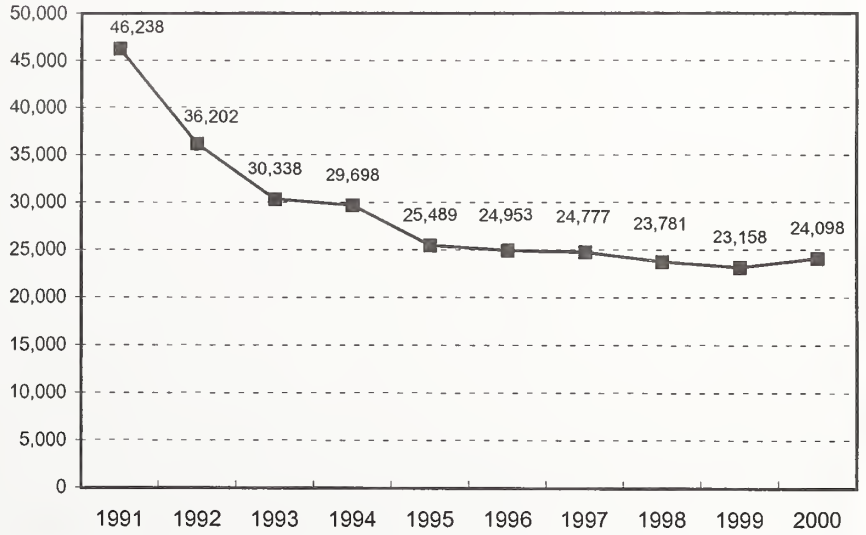
by Year



* Incidents of attempted suicides. They include fatalities, injuries, and unharmed. This is a sub-category of Collisions (with people).

Transit Collisions*

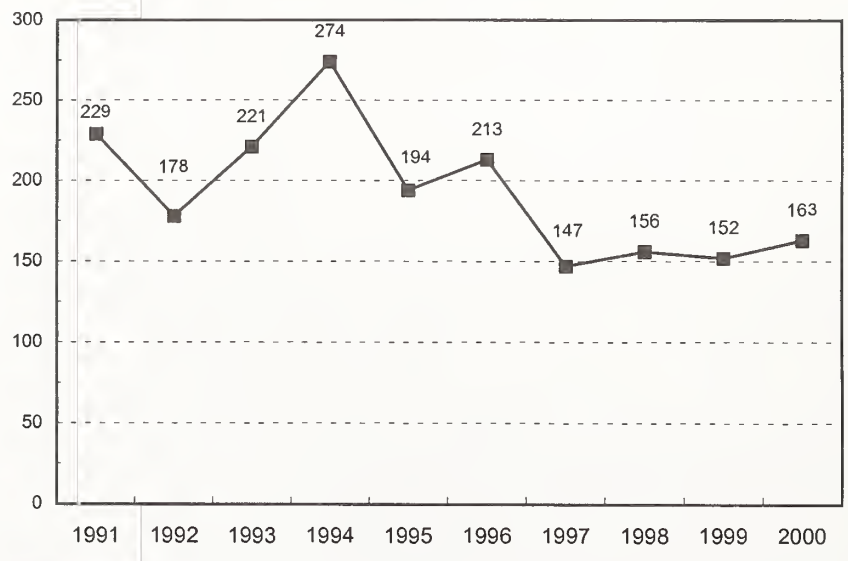
by Year



* With Vehicles, Objects, and People (not including suicide attempts).

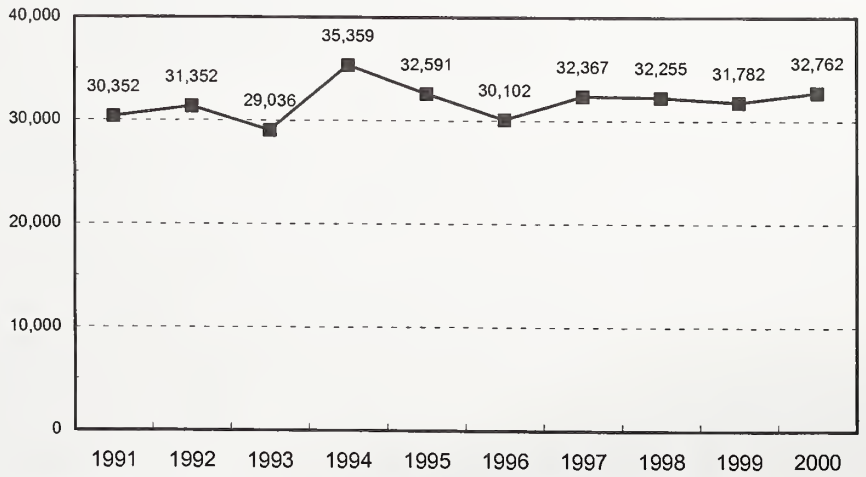
Transit Derailments/Buses Going Off Road

by Year



Transit Personal Casualties*

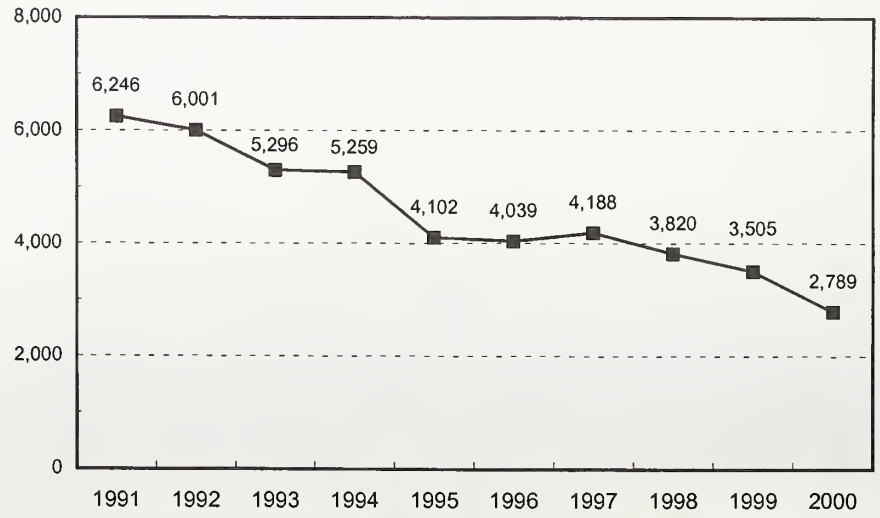
by Year



* Personal Casualty is a type of transit mishap category where people are hurt, but not as a result of Collisions, Derailments, or Fires. The incidents occur in Parking Lots, On Vehicle, Entering/Exiting Vehicle, On R-O-W, and In Station/Stops.

Transit Fires*

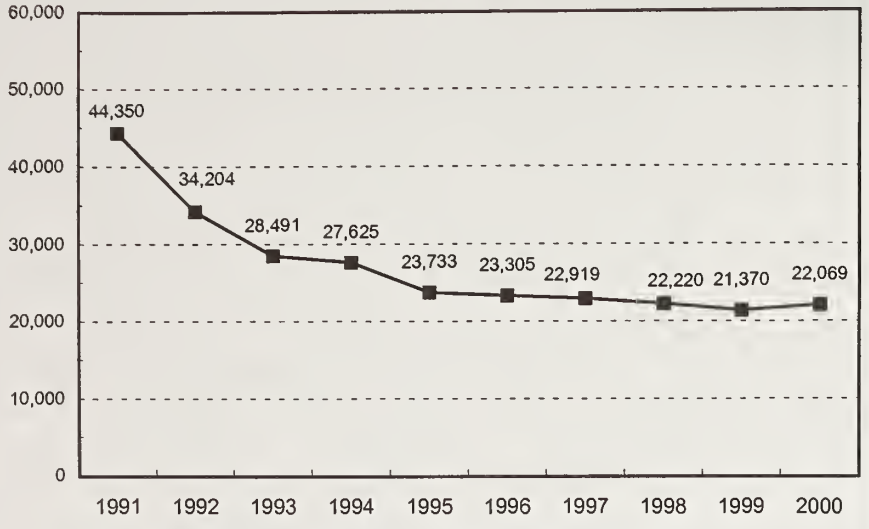
by Year



* In Vehicles, Stations, Right of Way and Others

Bus Collisions*

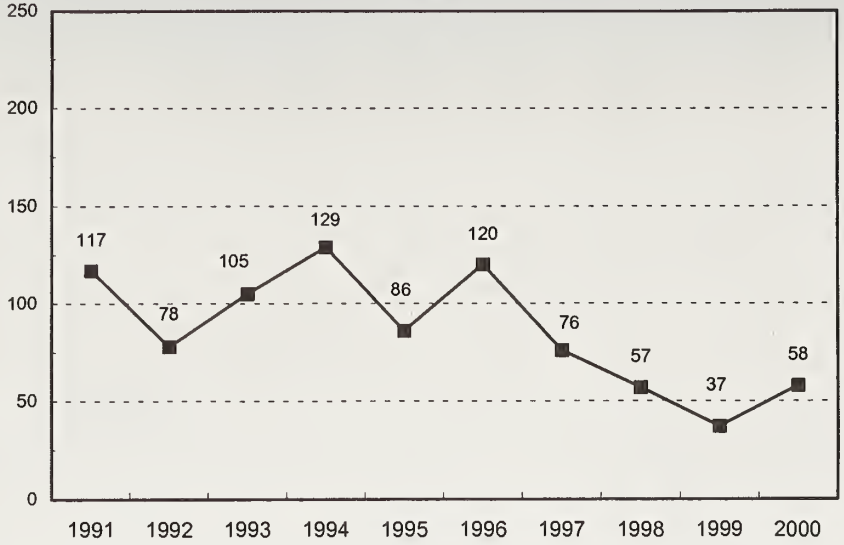
by Year



* With Vehicles, Objects, and People (not including suicide attempts)

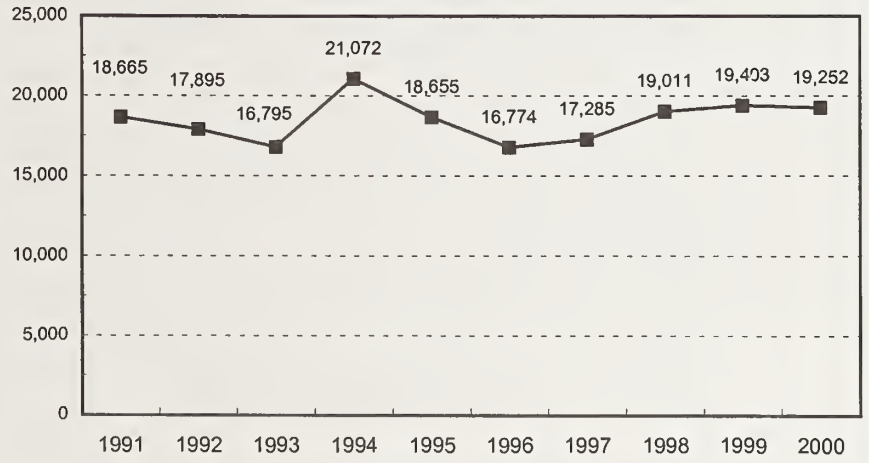
Bus Going Off Road

by Year



Bus Personal Casualties*

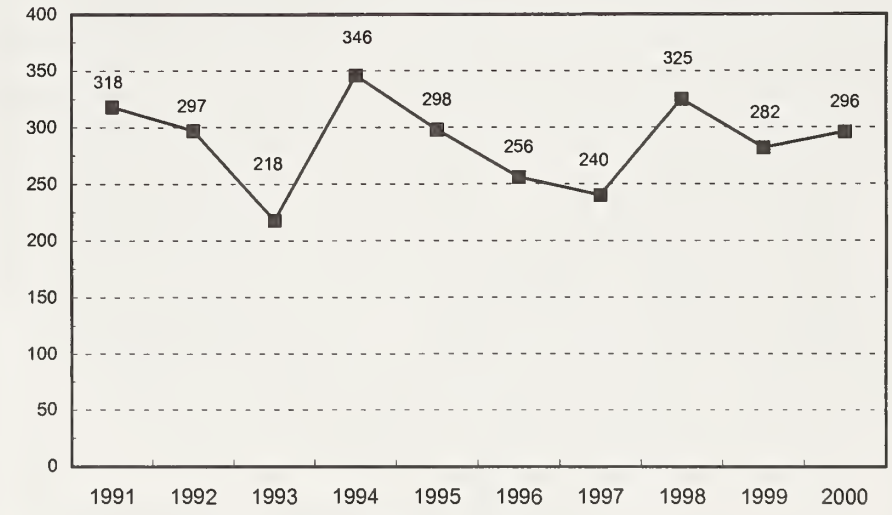
by Year



* Personal Casualty is a type of transit mishap category where people are hurt but not as a result of Collisions, Derailments, or Fires. The incidents occur in Parking Lots, On Vehicle, Entering/Exiting Vehicle, On R-O-W, and In Station/Stops.

Bus Fires*

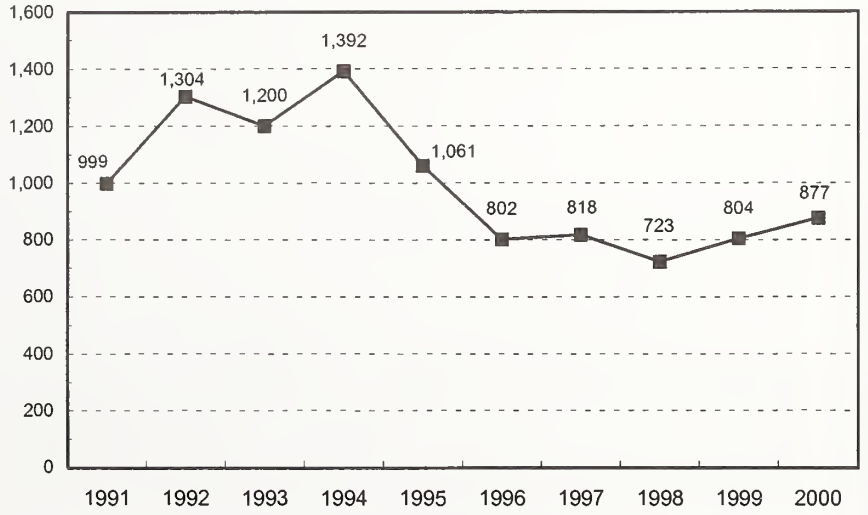
by Year



* In Vehicles, Stations, R-O-W, and others.

Rail Collisions*

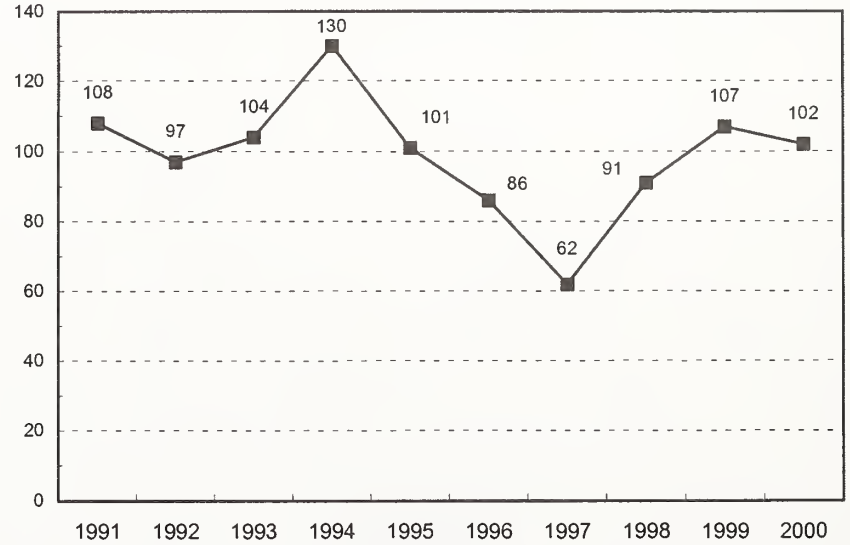
by Year



* With Vehicles, Objects, and People (not including suicide attempts)

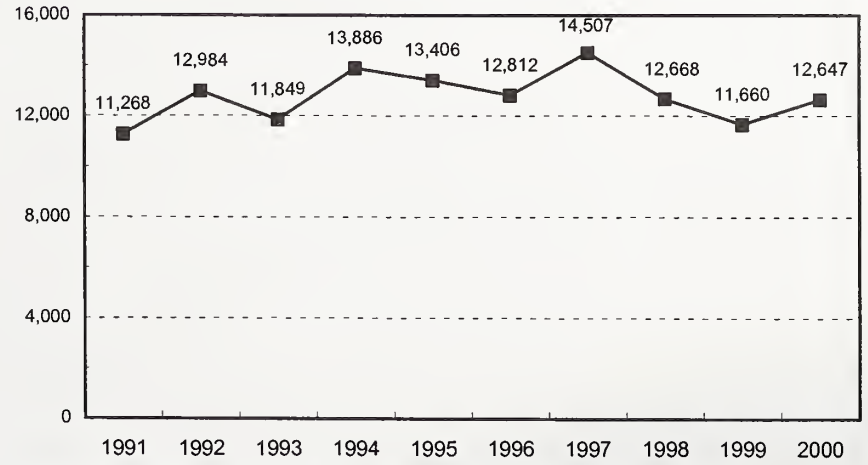
Derailments

by Year



Rail Personal Casualties*

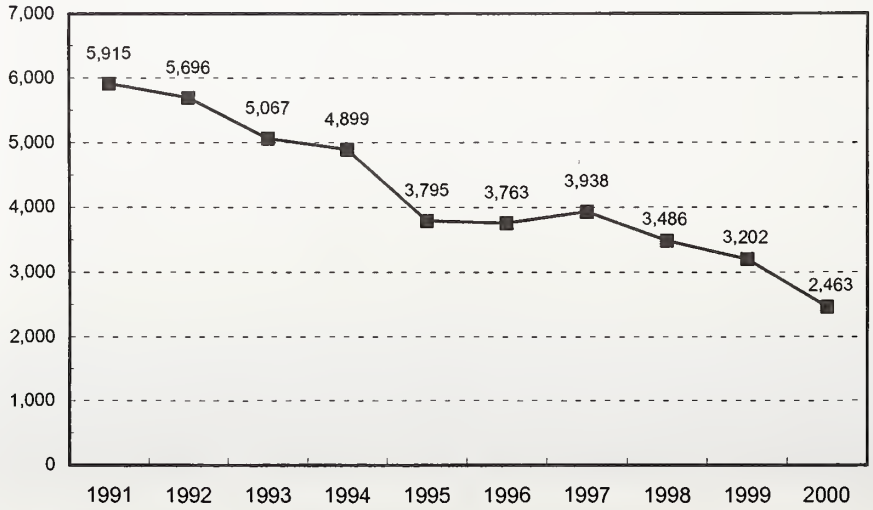
by Year



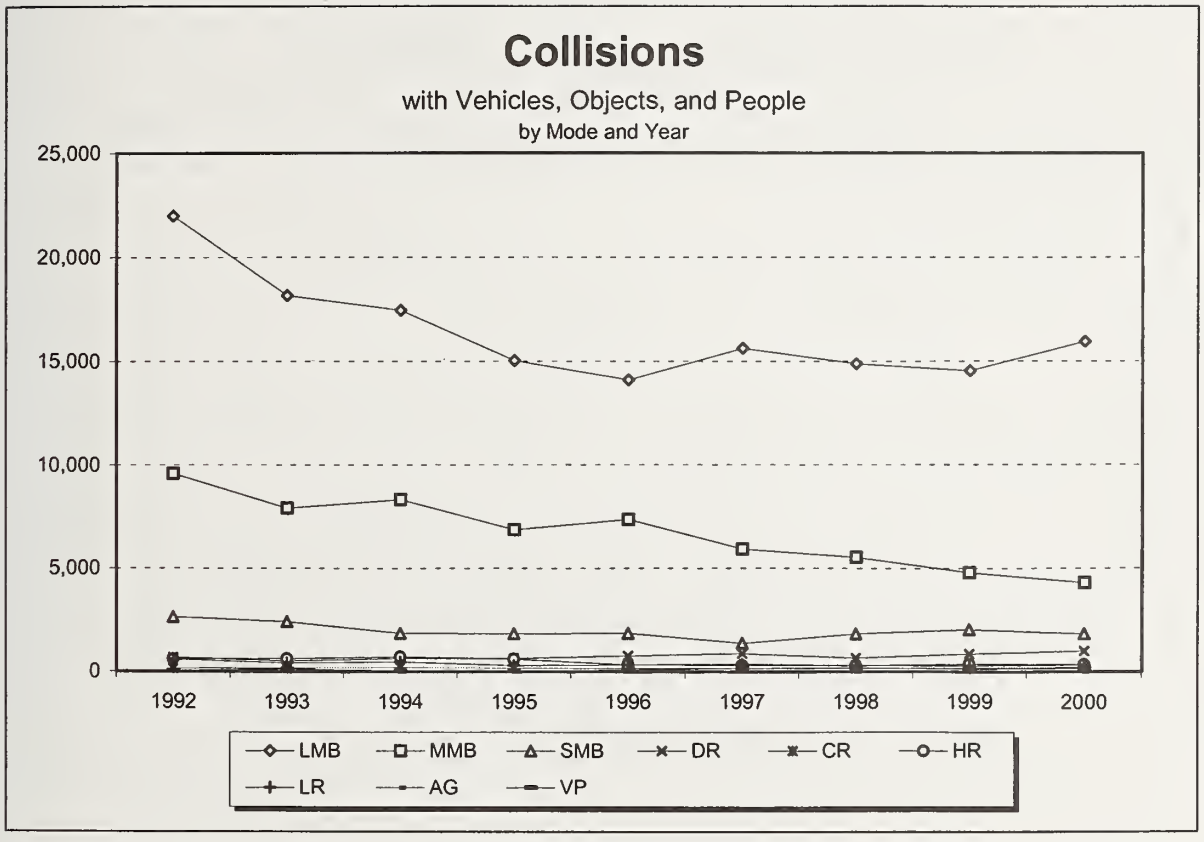
* Personal Casualty is a type of transit mishap category where people are hurt, but not as a result of Collisions, Derailments, or Fires. The incidents occur in Parking Lots, On Vehicle, Entering/Exiting Vehicle, On R-O-W, and In Station/Stops.

Rail Fires*

by Year



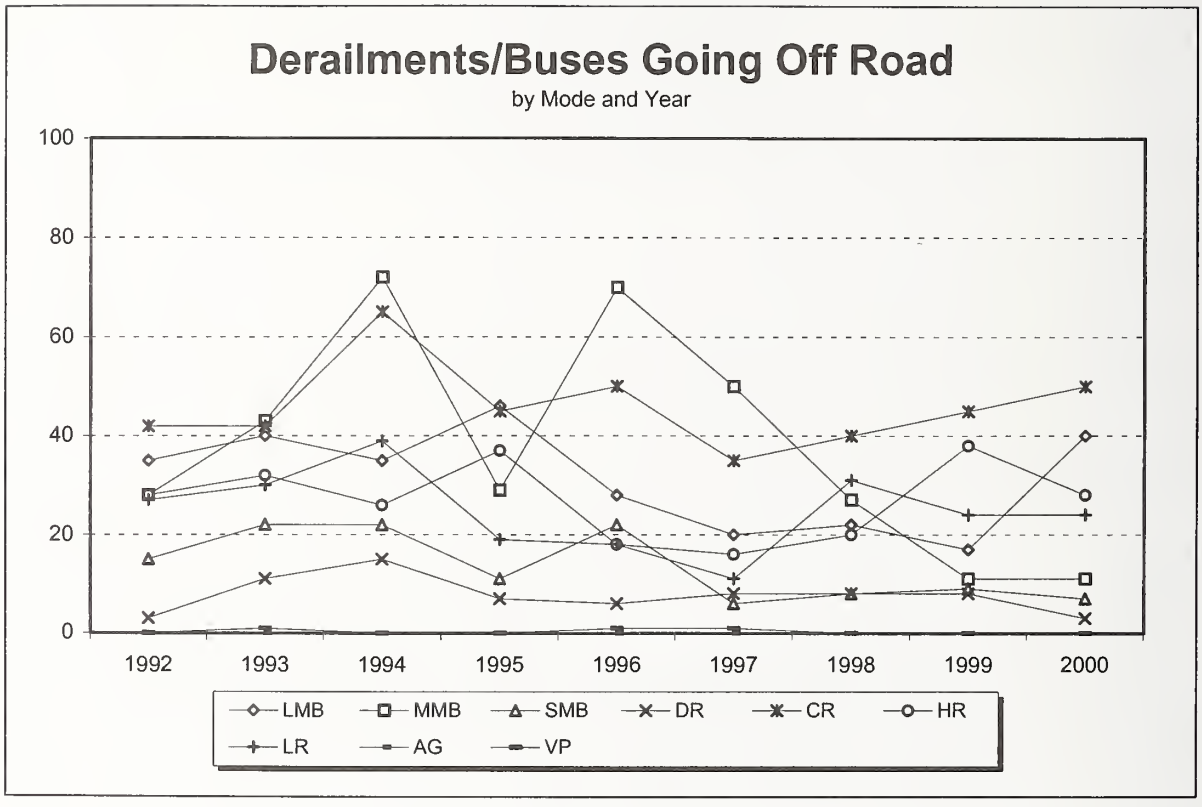
* In Vehicles, Stations, R-O-W, and others.



Collisions* by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	21,994	18,177	17,450	15,035	14,091	15,619	14,870	14,534	15,952
MMB	9,576	7,904	8,324	6,866	7,366	5,924	5,524	4,791	4,299
SMB	2,634	2,410	1,851	1,832	1,848	1,376	1,826	2,045	1,818
DR	665	513	644	640	768	878	656	854	994
CR	139	166	201	171	151	157	153	170	208
HR	585	630	718	600	328	309	273	358	336
LR	573	419	473	290	323	352	297	276	333
AG	1	1	1	1	1	3	3	0	1
VP	35	118	36	54	77	159	179	130	157
Total	36,202	30,338	29,698	25,489	24,953	24,777	23,781	23,158	24,098

* Does not include suicides

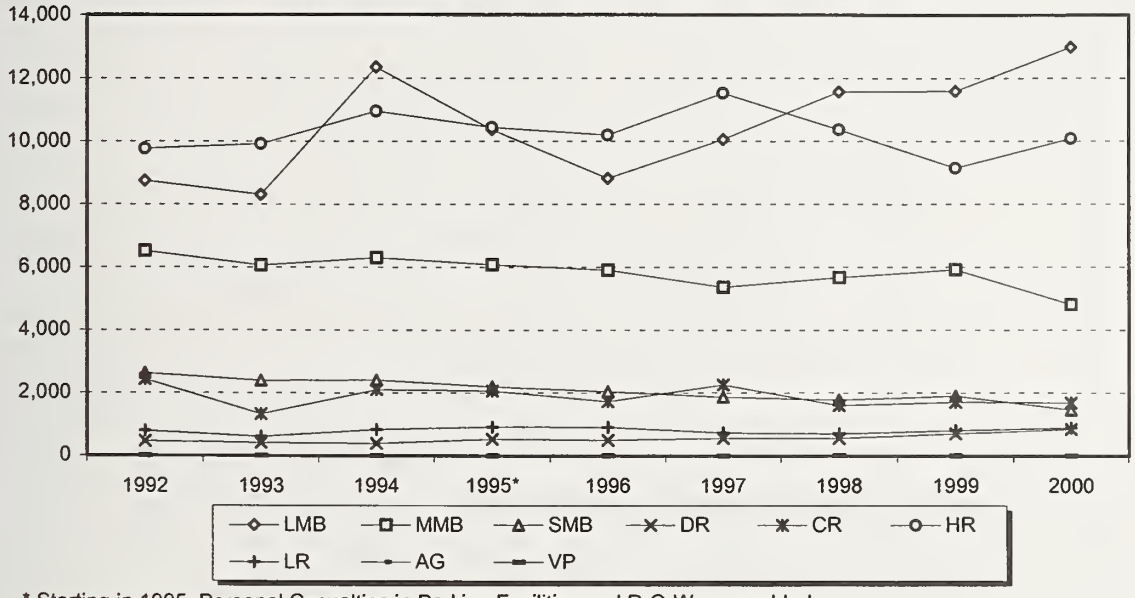


Derailments/Buses Going Off Road by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	35	40	35	46	28	20	22	17	40
MMB	28	43	72	29	70	50	27	11	11
SMB	15	22	22	11	22	6	8	9	7
DR	3	11	15	7	6	8	8	8	3
CR	42	42	65	45	50	35	40	45	50
HR	28	32	26	37	18	16	20	38	28
LR	27	30	39	19	18	11	31	24	24
AG	0	0	0	0	0	0	0	0	0
VP	0	1	0	0	1	1	0	0	0
Total	178	221	274	194	213	147	156	152	163

Personal Casualties

Inside Vehicle, Entering/Exiting Vehicle, In Stations/Bus Stops
Parking Facilities, and Right-of-Way* by Mode and Year

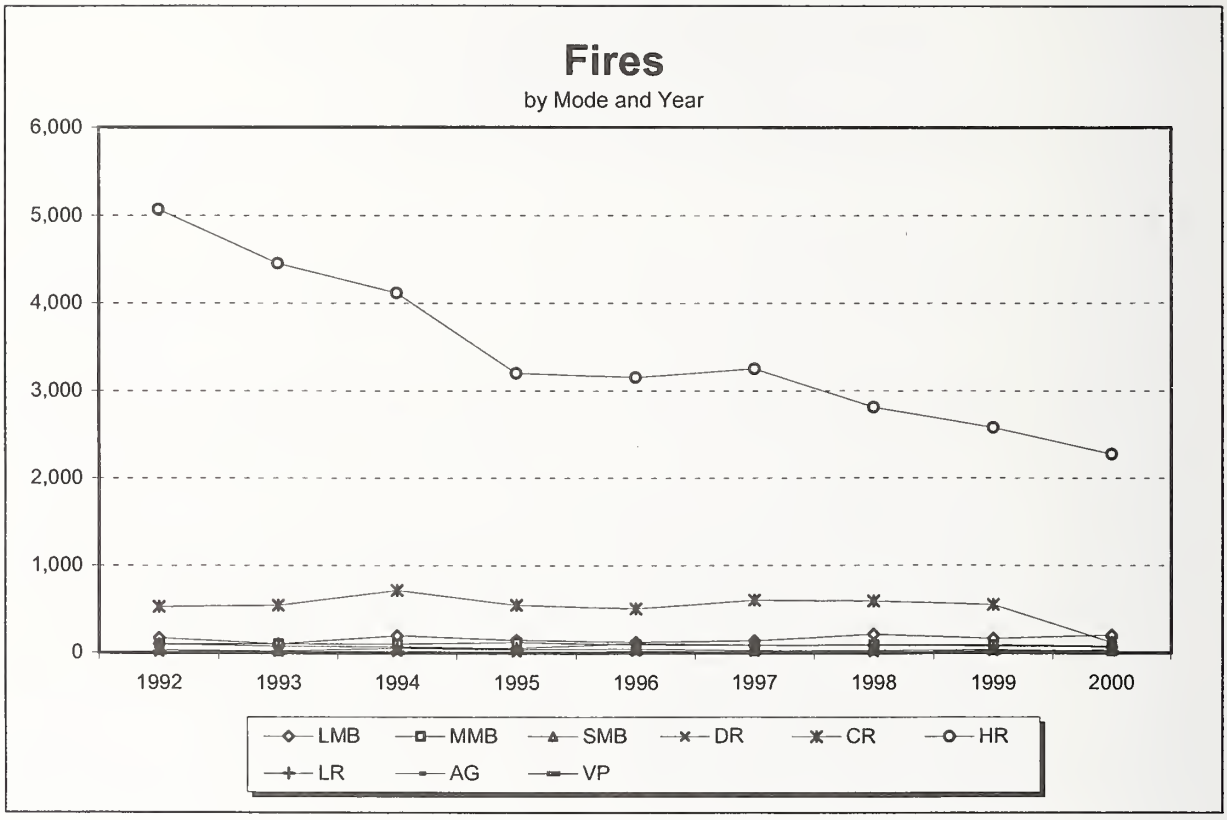


* Starting in 1995, Personal Casualties in Parking Facilities and R-O-W were added to Form 405 as distinct sub-categories of Personal Casualties

Personal Casualties by Mode and Year

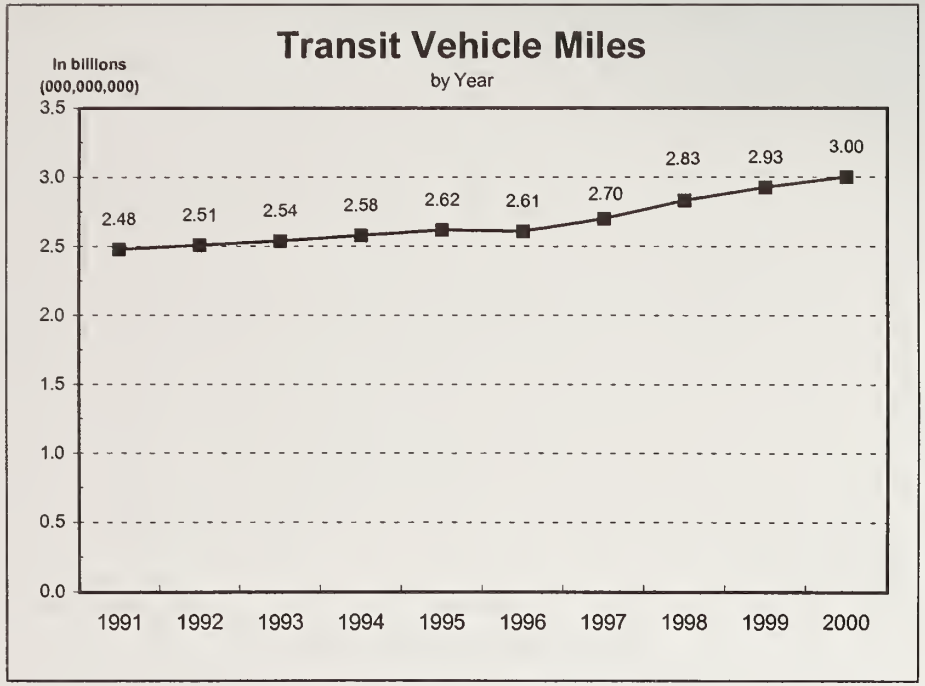
	1992	1993	1994	1995*	1996	1997	1998	1999	2000
LMB	8,753	8,309	12,348	10,372	8,820	10,057	11,572	11,585	12,984
MMB	6,514	6,062	6,312	6,084	5,909	5,363	5,669	5,923	4,810
SMB	2,628	2,394	2,412	2,199	2,045	1,865	1,770	1,895	1,458
DR	461	412	391	520	494	558	551	695	845
CR	2,429	1,326	2,102	2,057	1,719	2,254	1,599	1,706	1,679
HR	9,766	9,916	10,952	10,438	10,190	11,526	10,369	9,153	10,082
LR	789	607	832	911	903	727	700	801	886
AG	7	9	8	8	20	15	11	20	15
VP	5	1	2	2	2	2	14	4	3
Total	31,352	29,036	35,359	32,591	30,102	32,367	32,255	31,782	32,762

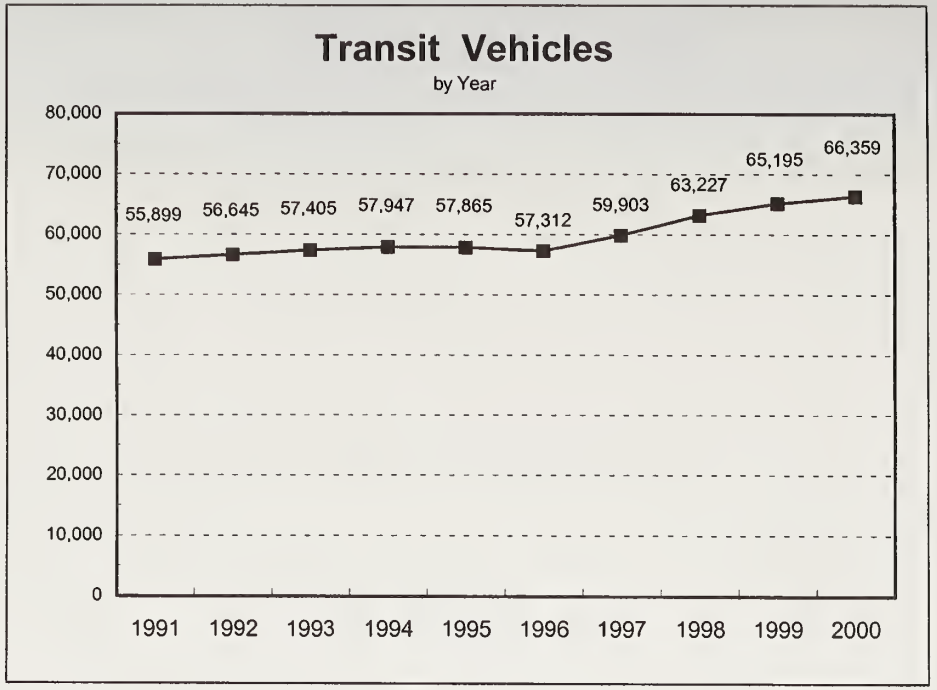
* Starting in 1995, Personal Casualties in Parking Facilities and R-O-W were added to Form 405 as distinct sub-categories of Personal Casualties

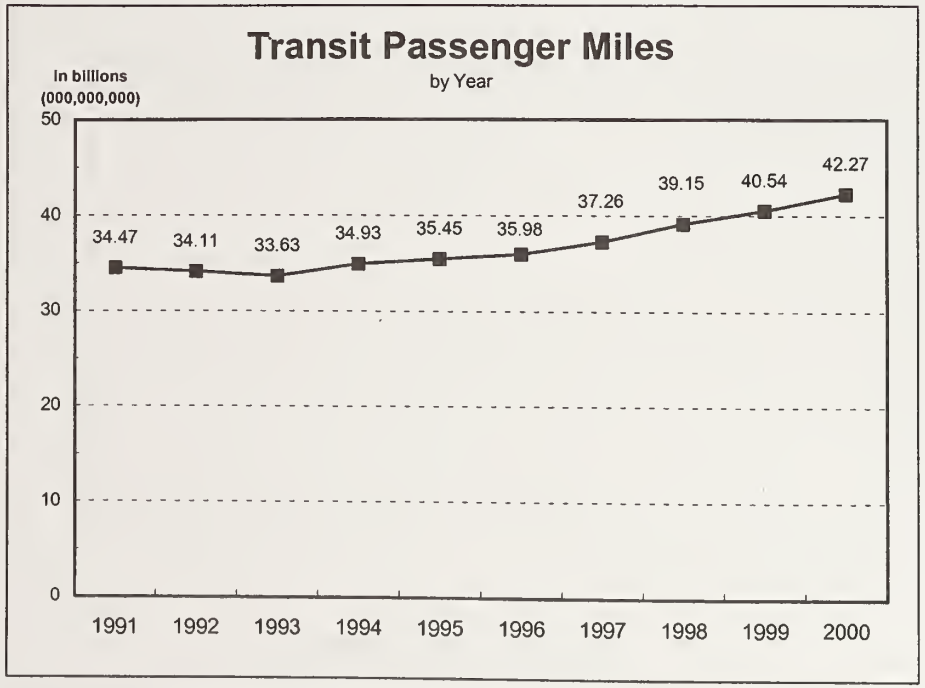


Fires by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	168	99	197	142	120	136	211	161	202
MMB	98	100	98	119	92	83	87	88	77
SMB	31	19	51	37	44	21	27	33	17
DR	8	10	12	6	16	10	6	20	29
CR	527	540	715	544	503	602	590	547	118
HR	5,068	4,452	4,117	3,201	3,154	3,253	2,811	2,578	2,278
LR	101	75	67	50	106	83	85	77	67
AG	0	0	1	1	4	0	2	0	1
VP	0	1	1	2	0	0	1	1	0
Total	6,001	5,296	5,259	4,102	4,039	4,188	3,820	3,505	2,789


Transit Vehicle Miles
by Year
In billions
(000,000,000)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2.48
2.51
2.54
2.58
2.62
2.61
2.70
2.83
2.93
3.00
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000


Transit Vehicles
by Year
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
55,899
56,645
57,405
57,947
57,865
57,312
59,903
63,227
65,195
66,359
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000


Transit Passenger Miles
by Year
In billions
(000,000,000)
50
40
30
20
10
0
34.47
34.11
33.63
34.93
35.45
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39.15
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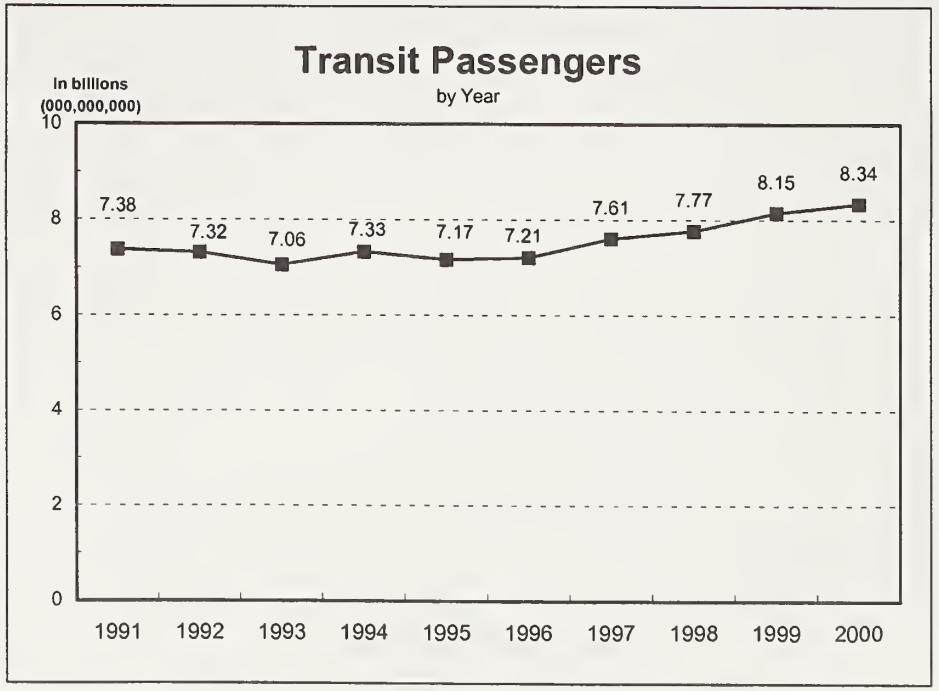
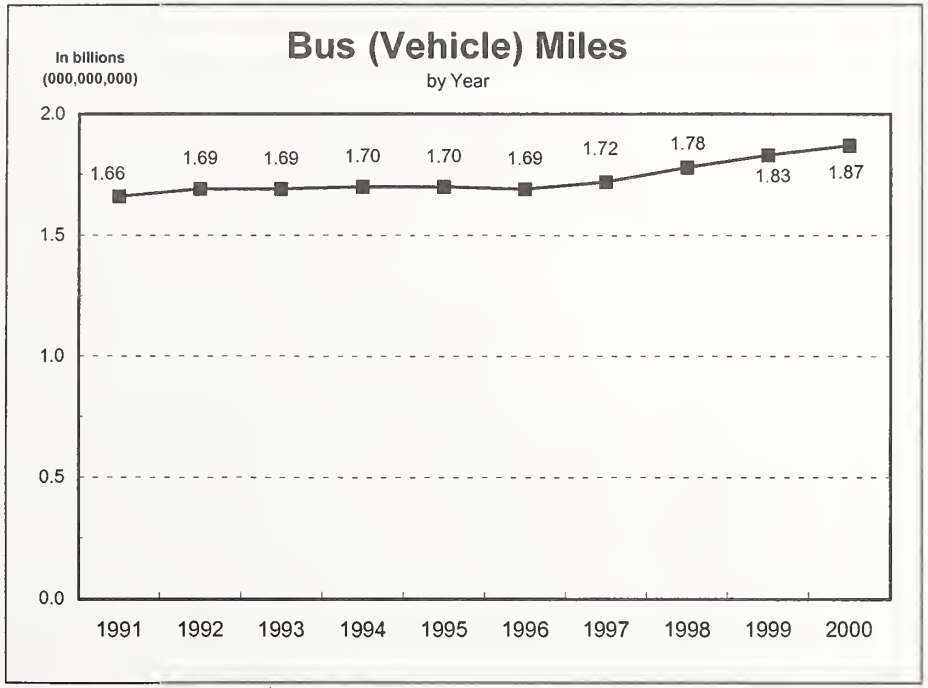
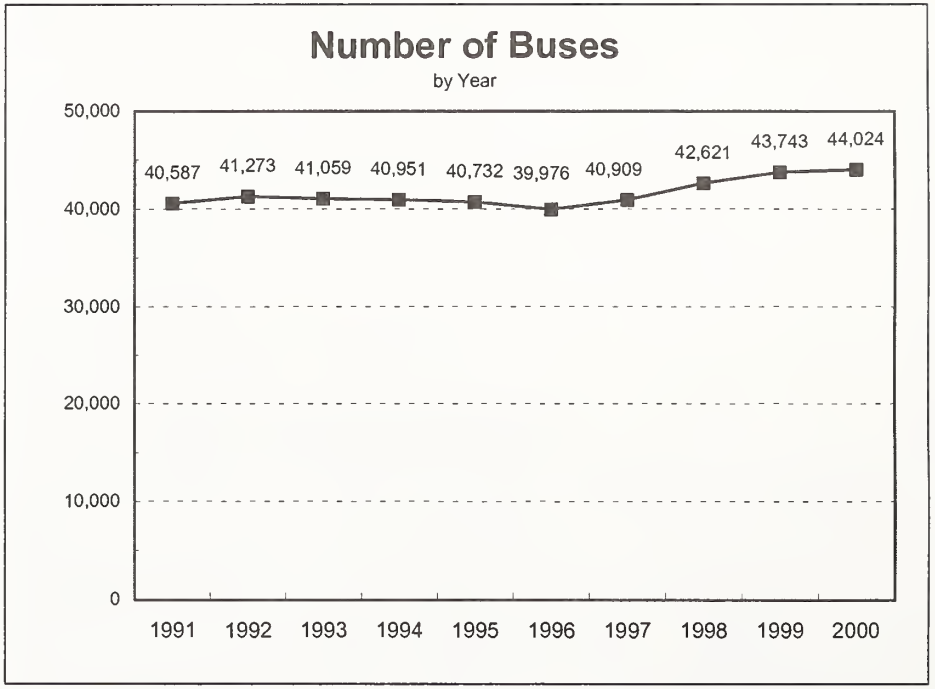
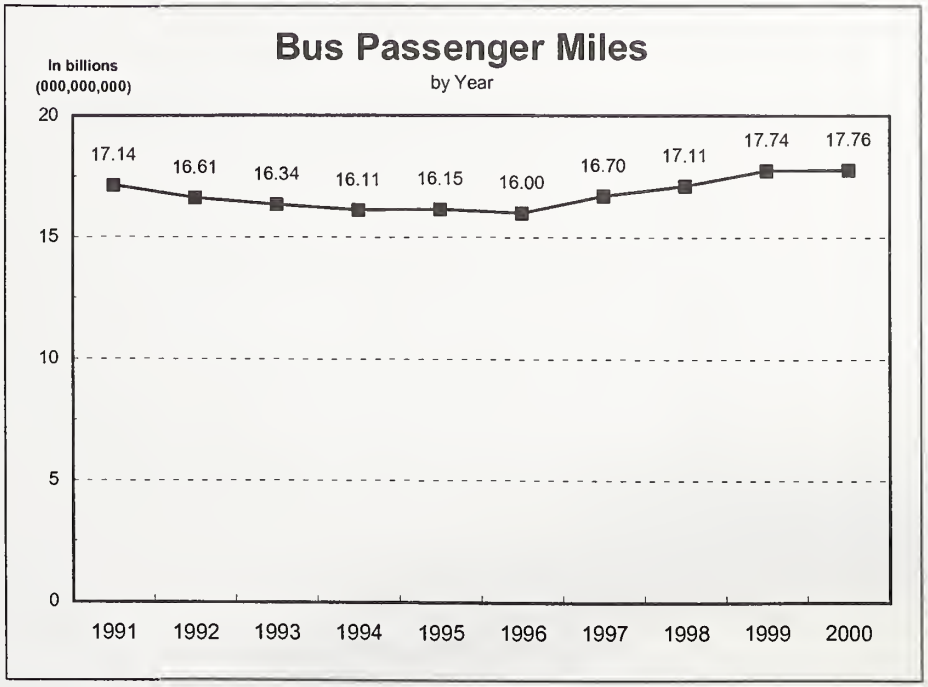
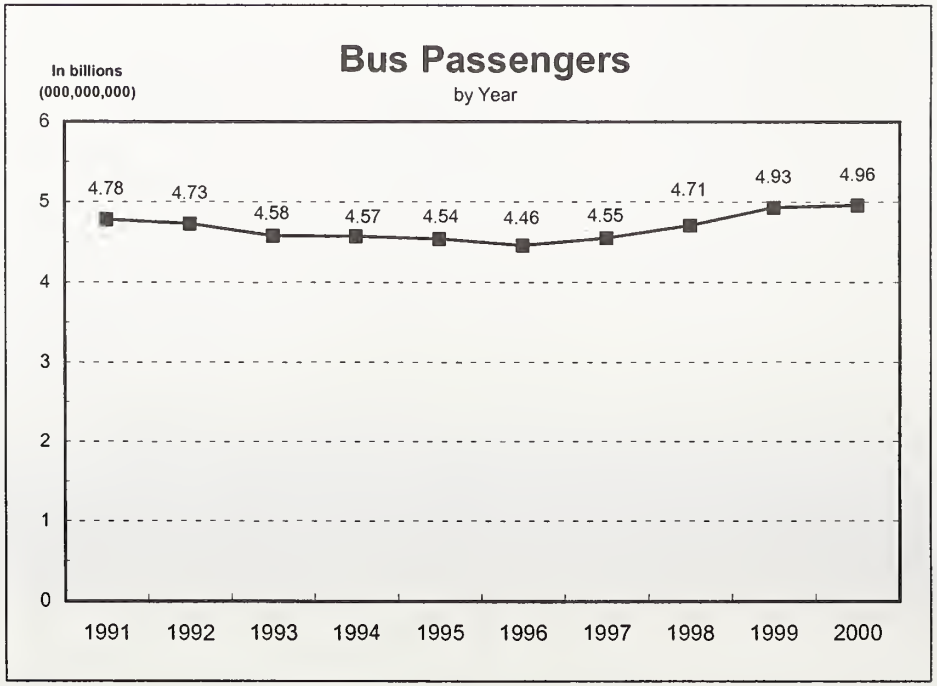
1992
1993
1994
1995
1996
1997
1998
1999
2000

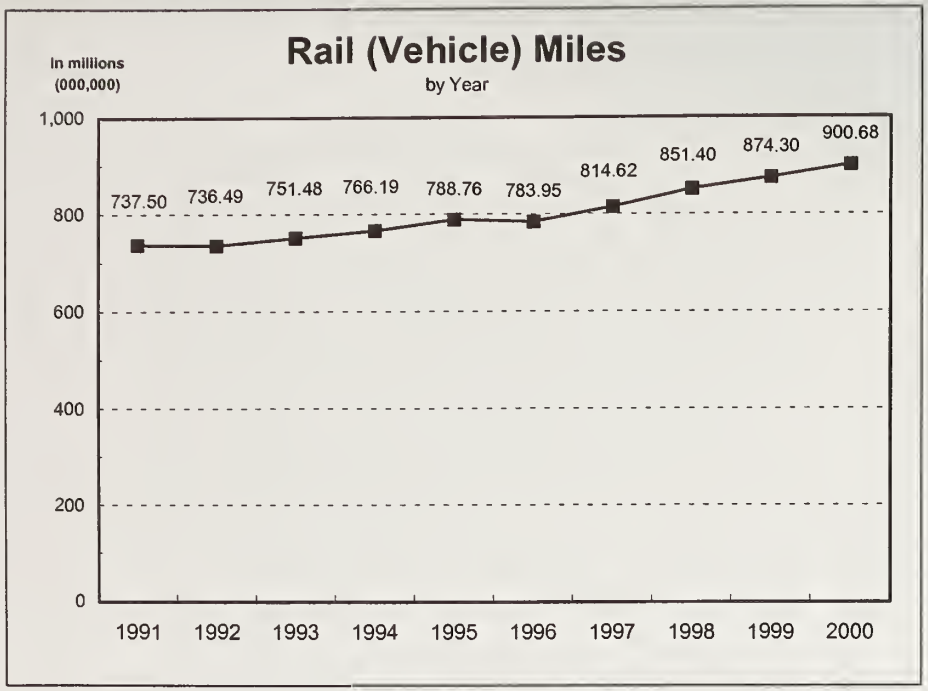

Transit Passengers
by Year
In billions
(000,000,000)
10
8
6
4
2
0
7.38
7.32
7.06
7.33
7.17
7.21
7.61
7.77
8.15
8.34
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000

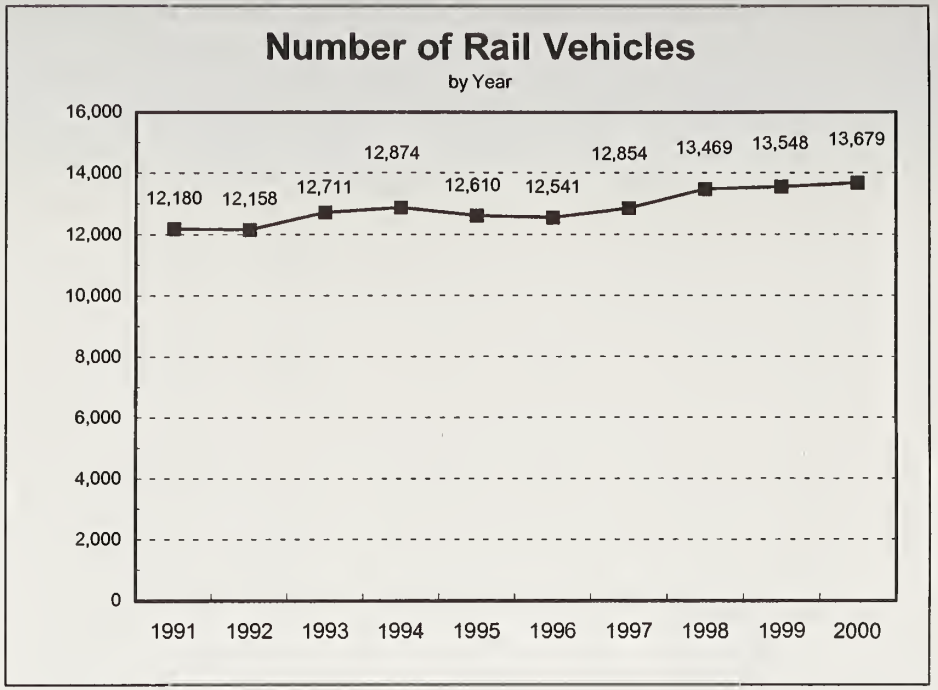

Bus (Vehicle) Miles
In billions
(000,000,000)
by Year
2.0
1.5
1.0
0.5
0.0
1.66
1.69
1.69
1.70
1.70
1.69
1.72
1.78
1.83
1.87
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000

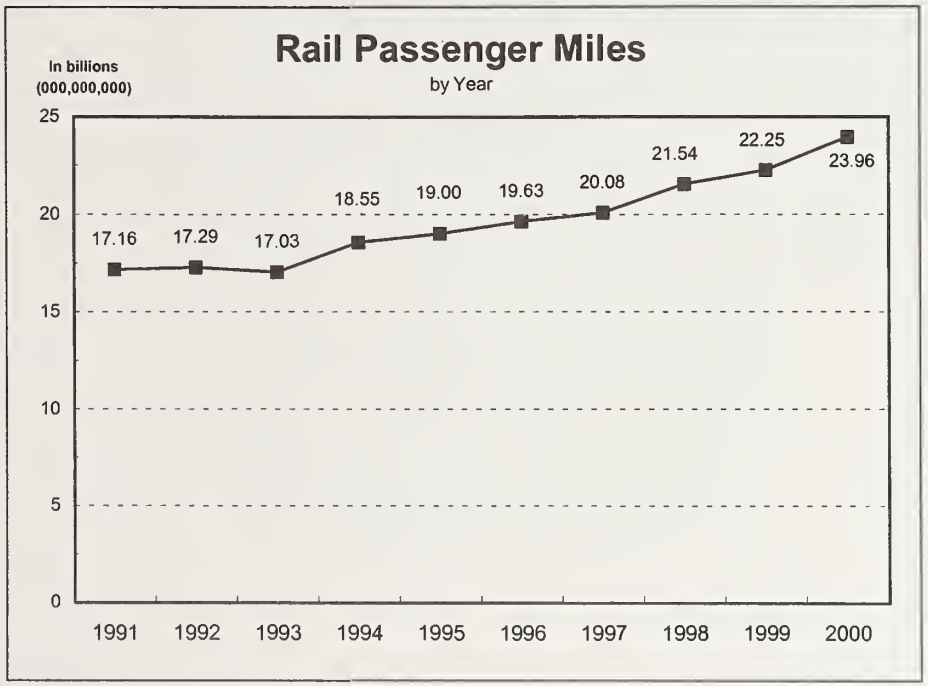

Number of Buses
by Year
50,000
40,000
30,000
20,000
10,000
0
40,587
41,273
41,059
40,951
40,732
39,976
40,909
42,621
43,743
44,024
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000

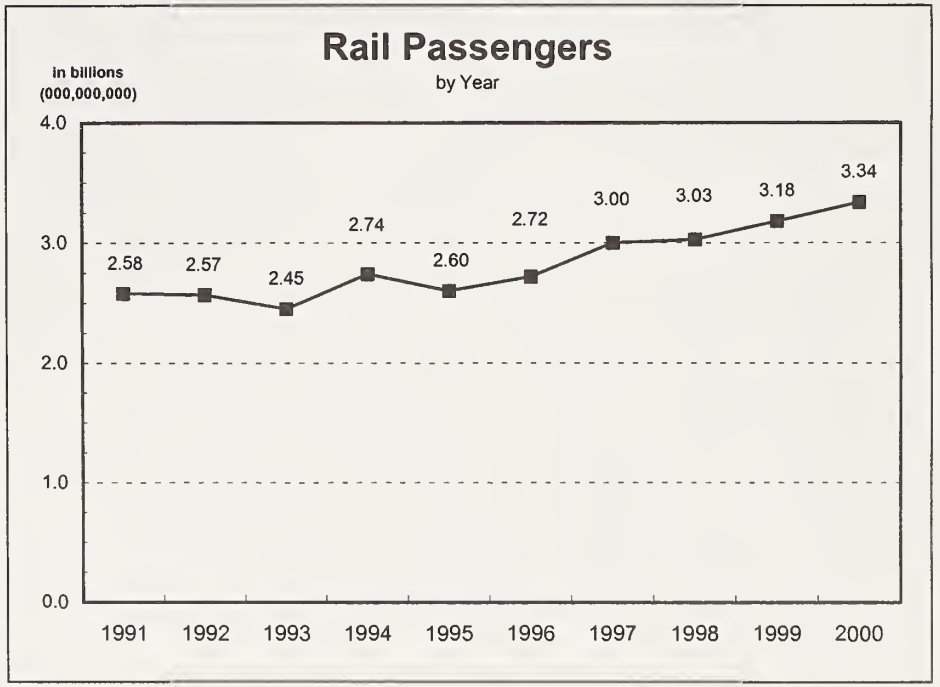

Bus Passenger Miles
In billions
(000,000,000)
by Year
20
15
10
5
0
17.14
16.61
16.34
16.11
16.15
16.00
16.70
17.11
17.74
17.76
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000

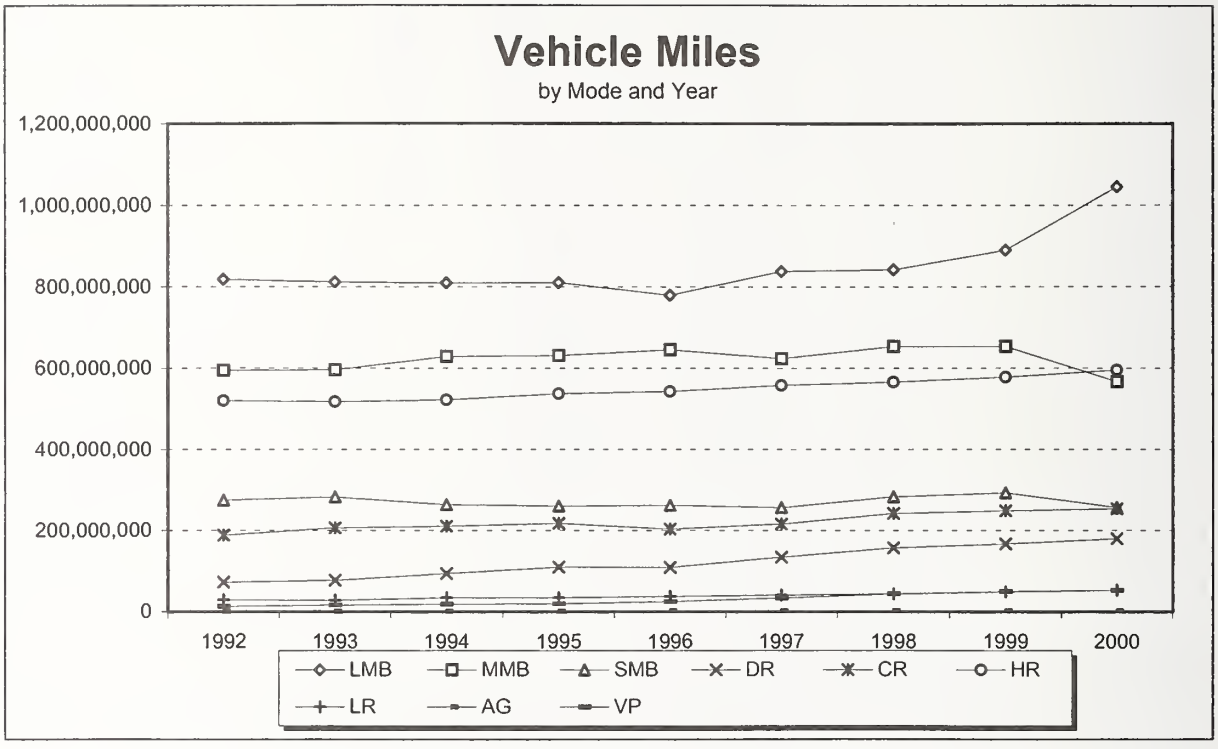

Bus Passengers
In billions
(000,000,000)
by Year
6
5
4
3
2
1
0
4.78
4.73
4.58
4.57
4.54
4.46
4.55
4.71
4.93
4.96
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000


Rail (Vehicle) Miles
by Year
In millions
(000,000)
1,000
800
600
400
200
0
737.50
736.49
751.48
766.19
788.76
783.95
814.62
851.40
874.30
900.68
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000


Number of Rail Vehicles
by Year
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
12,180
12,158
12,711
12,874
12,610
12,541
12,854
13,469
13,548
13,679
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000

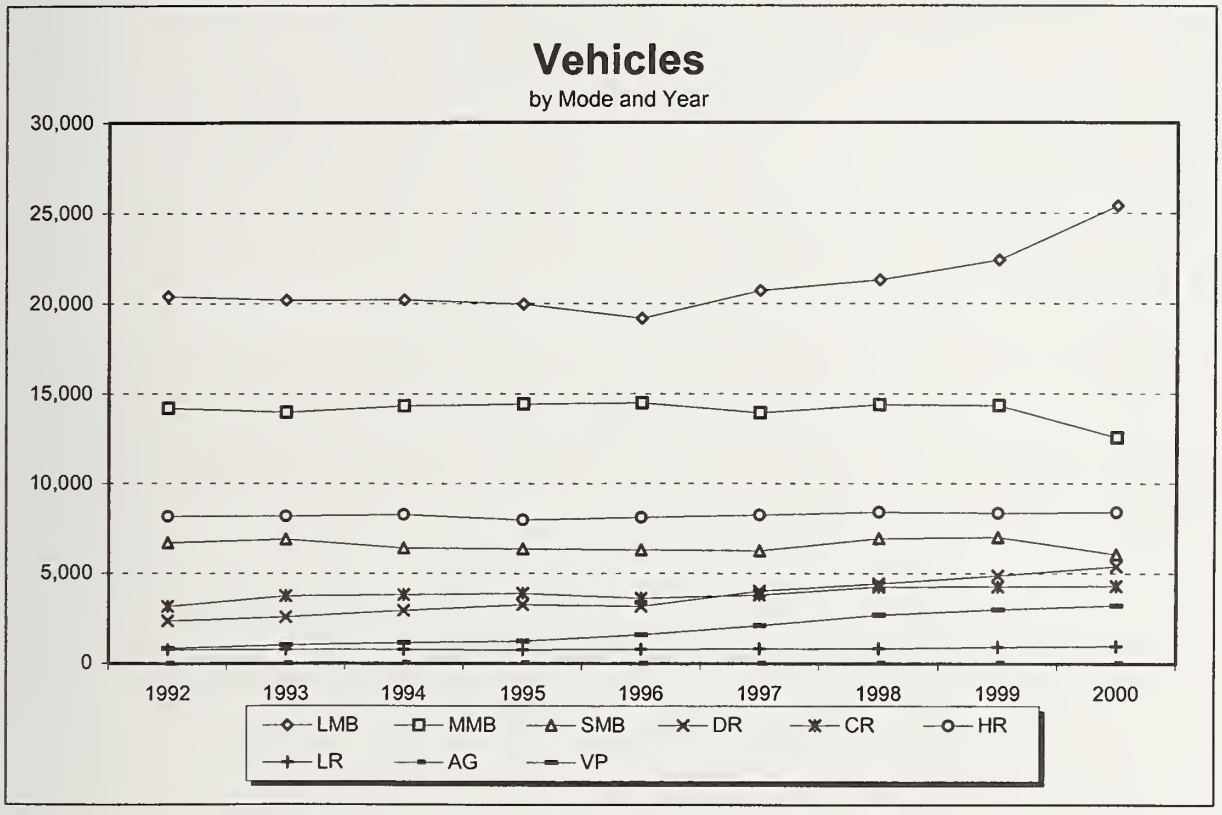

Rail Passenger Miles
by Year
In billions
(000,000,000)
25
20
15
10
5
0
17.16
17.29
17.03
18.55
19.00
19.63
20.08
21.54
22.25
23.96
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000


Rail Passengers
by Year
In billions
(000,000,000)
4.0
3.0
2.0
1.0
0.0
2.58
2.57
2.45
2.74
2.60
2.72
3.00
3.03
3.18
3.34
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000



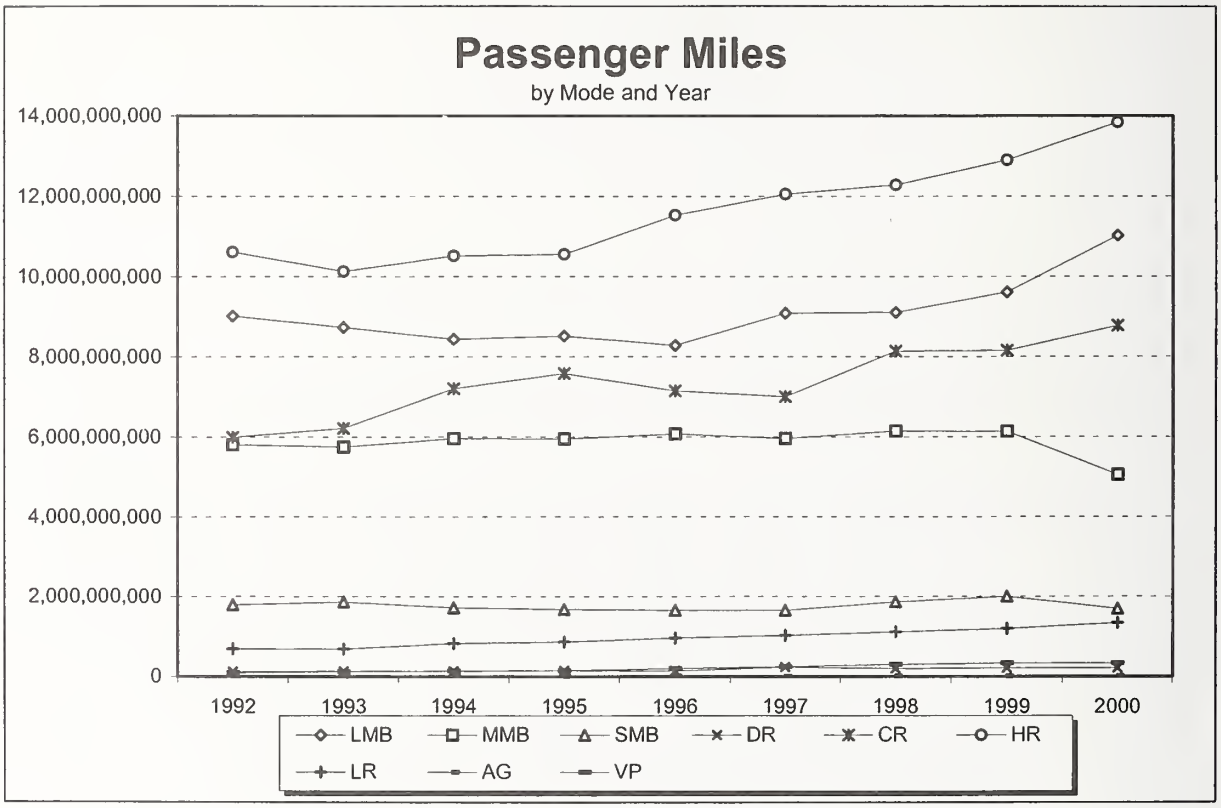
Vehicle Miles by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	818,634,740	812,012,373	809,748,409	810,119,645	779,119,052	838,353,348	842,454,297	889,300,281	1,045,200,595
MMB	594,265,959	595,797,608	628,481,294	630,797,756	645,586,093	624,084,181	653,465,715	653,553,649	566,930,847
SMB	274,667,270	282,306,693	263,588,384	260,690,837	261,903,415	256,317,566	283,110,563	292,491,488	256,174,269
DR	71,968,135	76,793,858	93,913,122	109,451,896	108,456,674	133,997,635	157,129,756	166,904,703	179,060,329
CR	188,003,333	206,398,036	210,144,656	217,072,438	203,372,845	216,206,241	242,437,870	248,588,246	253,448,787
HR	520,198,883	517,685,338	522,271,573	537,226,212	543,111,720	557,671,749	565,677,634	577,675,587	595,242,992
LR	28,287,567	27,395,870	33,778,116	34,461,491	37,467,839	40,747,527	43,282,733	48,057,755	51,984,347
AG	981,072	957,742	1,183,408	1,145,262	1,442,128	1,437,461	1,449,760	1,449,761	1,623,174
VP	12,571,244	15,988,994	18,175,972	18,653,979	24,871,057	32,985,274	43,912,350	49,433,470	52,101,539
Total	2,509,578,203	2,535,336,512	2,581,284,934	2,619,619,516	2,605,330,823	2,701,800,982	2,832,920,678	2,927,454,940	3,001,766,879



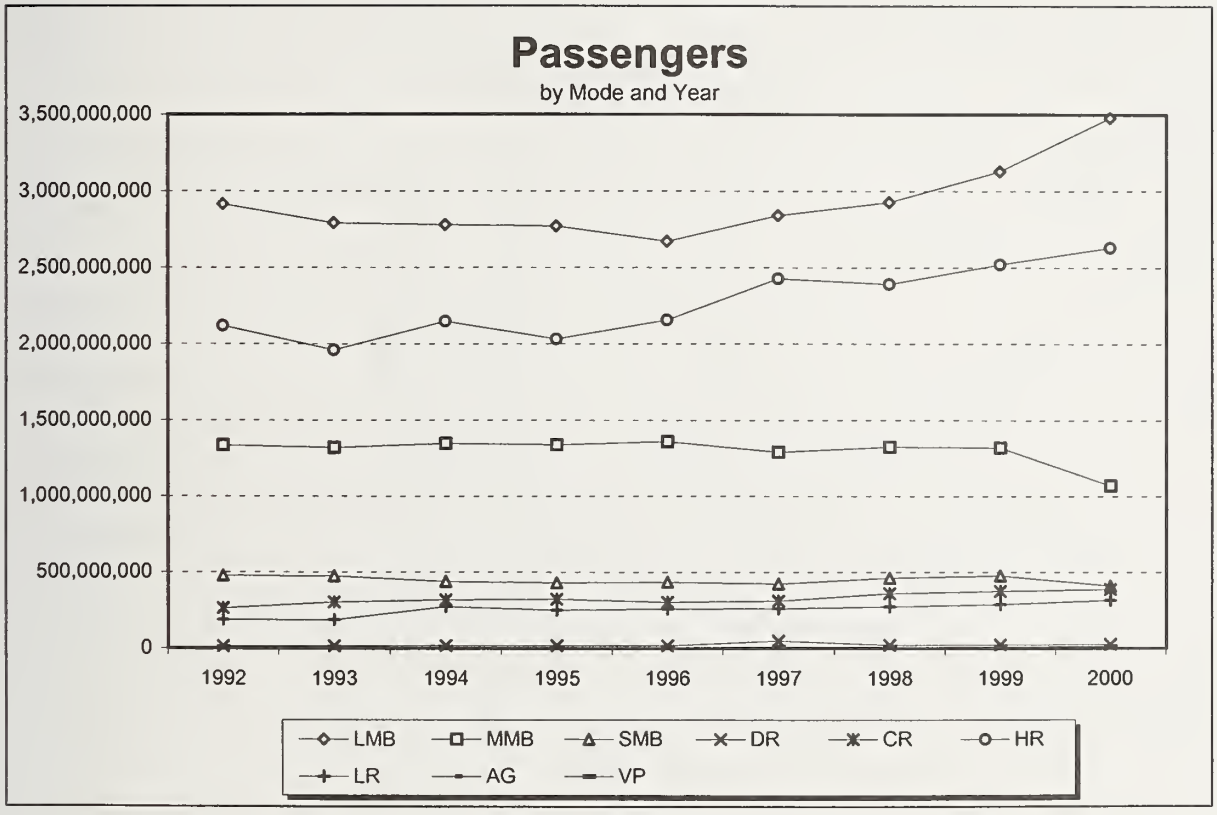
Vehicles by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	20,383	20,184	20,204	19,962	19,171	20,710	21,298	22,401	25,417
MMB	14,178	13,971	14,330	14,412	14,496	13,932	14,375	14,326	12,544
SMB	6,712	6,904	6,417	6,358	6,309	6,267	6,948	7,016	6,063
DR	2,374	2,588	2,939	3,265	3,169	4,017	4,428	4,876	5,406
CR	3,182	3,755	3,828	3,891	3,626	3,806	4,242	4,274	4,305
HR	8,180	8,187	8,277	7,973	8,129	8,245	8,405	8,365	8,412
LR	769	769	769	746	786	803	822	909	962
AG	21	18	29	28	26	24	25	27	28
VP	846	1,029	1,154	1,230	1,600	2,099	2,684	3,001	3,222
Total	56,645	57,405	57,947	57,865	57,312	59,903	63,227	65,195	66,359



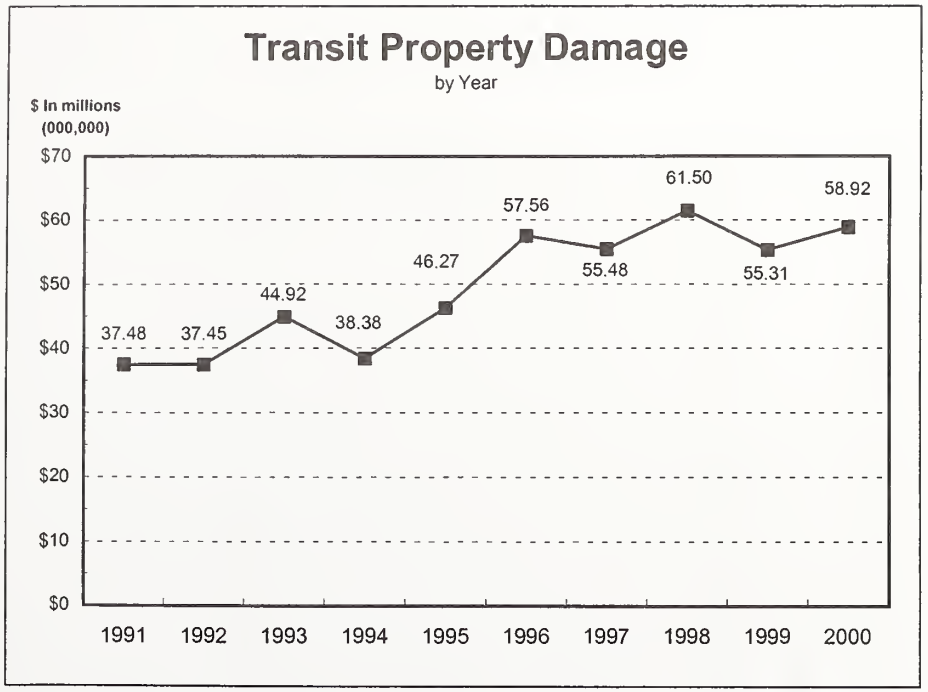
Passenger Miles by Mode and Year

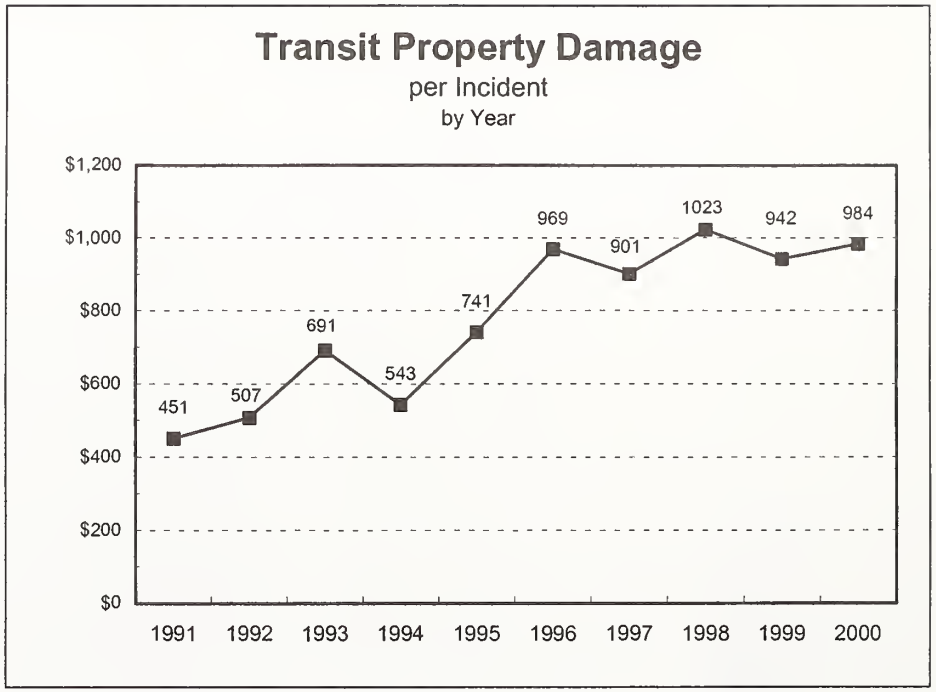
	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	9,020,728,495	8,735,111,887	8,436,801,038	8,521,534,025	8,283,906,554	9,091,818,099	9,105,298,835	9,614,812,579	11,023,088,167
MMB	5,802,019,495	5,747,356,634	5,955,895,358	5,948,733,095	6,066,394,699	5,953,021,331	6,143,594,471	6,132,966,524	5,047,355,608
SMB	1,790,385,790	1,859,062,717	1,713,877,588	1,677,851,901	1,653,973,081	1,651,061,898	1,863,794,522	1,995,316,964	1,692,508,083
DR	114,051,985	126,183,364	130,130,003	147,096,759	133,167,623	233,633,186	193,003,989	208,336,090	212,447,196
CR	5,992,300,852	6,210,811,478	7,202,401,370	7,581,255,925	7,148,446,602	7,000,312,146	8,138,007,363	8,157,861,326	8,776,264,544
HR	10,613,108,031	10,129,682,552	10,520,676,890	10,558,821,277	11,530,220,293	12,056,067,600	12,284,382,322	12,902,056,581	13,843,512,075
LR	686,289,760	688,961,513	823,832,584	858,701,487	955,245,148	1,023,708,132	1,115,351,940	1,190,168,551	1,338,782,177
AG	6,350,377	6,276,663	7,181,392	7,278,418	7,310,160	6,742,225	7,010,367	5,002,469	6,424,788
VP	84,648,188	122,923,428	137,789,656	143,981,569	196,385,808	239,721,989	300,217,925	333,351,451	333,626,643
Total	34,109,882,973	33,626,370,236	34,928,585,879	35,445,254,456	35,975,049,968	37,256,086,606	39,150,661,734	40,539,872,535	42,274,009,281

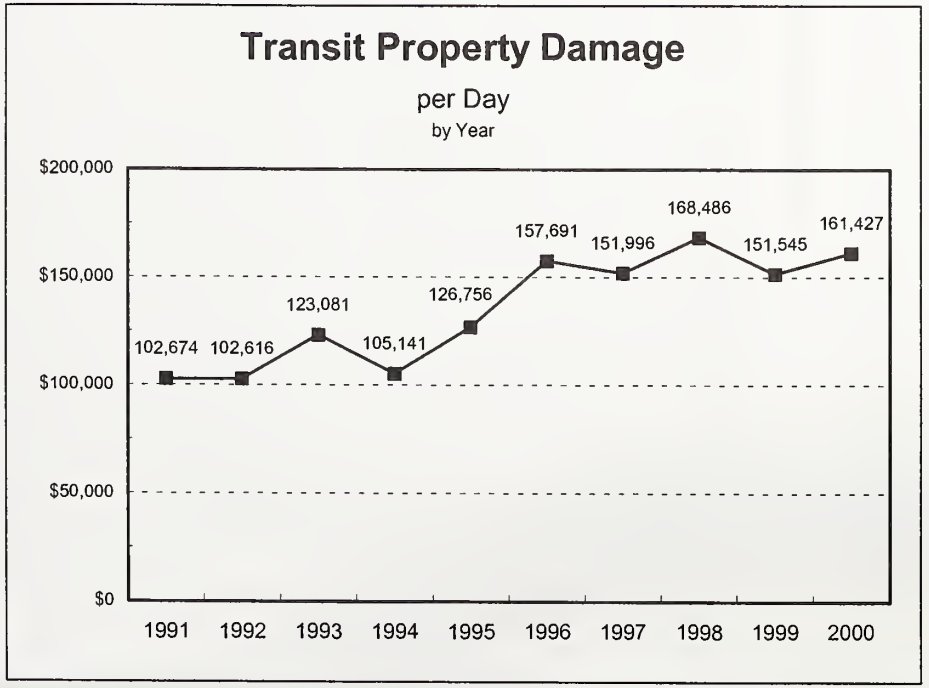


Passengers by Mode and Year

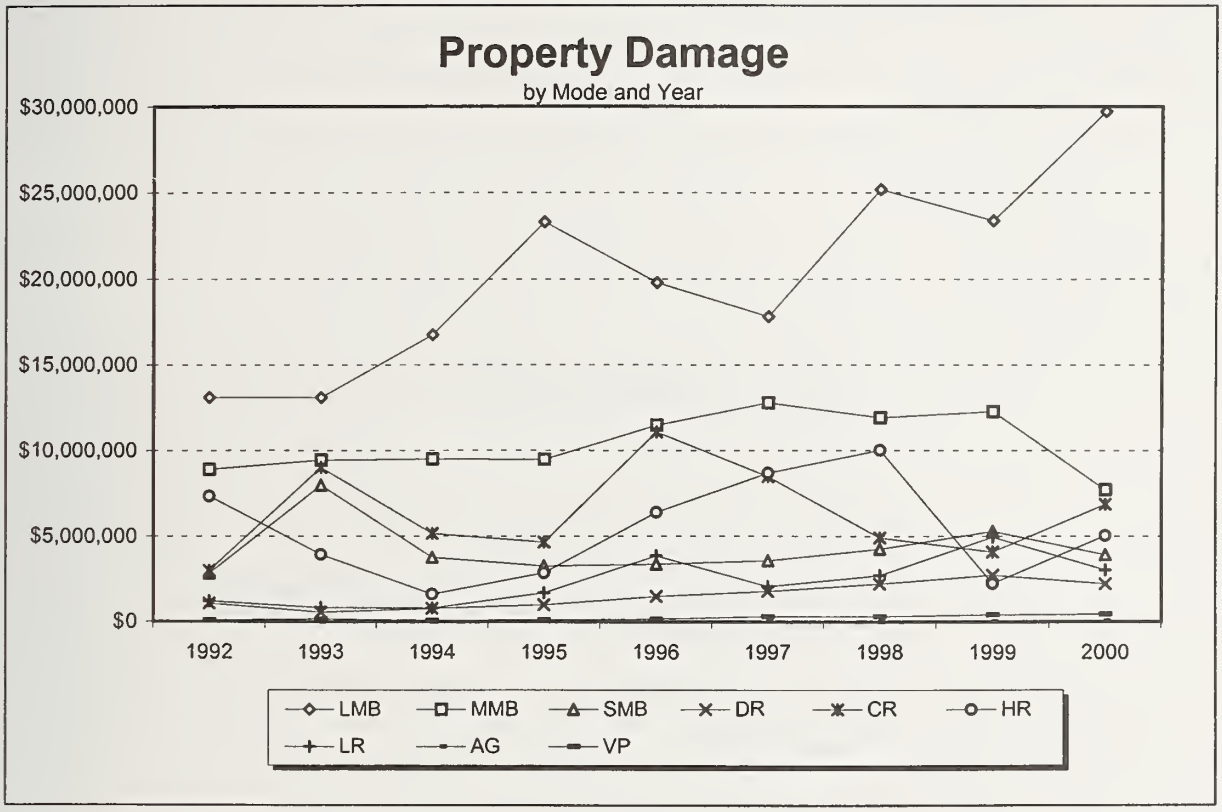
	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	2,915,883,332	2,792,806,711	2,780,831,677	2,772,368,139	2,671,080,391	2,840,893,678	2,928,115,946	3,130,028,319	3,478,188,182
MMB	1,334,447,953	1,318,147,322	1,347,246,825	1,337,337,941	1,359,830,038	1,289,610,097	1,322,562,433	1,319,065,795	1,070,556,008
SMB	477,450,141	473,672,717	439,024,741	428,959,867	433,100,865	423,496,953	460,949,417	477,277,374	410,739,060
DR	13,221,090	14,814,835	16,651,638	17,687,878	16,797,522	47,992,971	22,071,333	23,006,991	24,406,758
CR	281,870,040	302,598,857	317,786,280	321,557,484	302,216,283	310,706,887	359,632,938	374,017,383	388,476,149
HR	2,118,769,879	1,960,305,314	2,148,844,066	2,033,506,007	2,156,893,742	2,429,454,599	2,392,834,927	2,521,387,520	2,632,186,685
LR	187,321,032	187,336,419	273,685,925	249,302,476	258,731,737	259,404,303	272,944,289	288,585,623	315,992,183
AG	5,499,402	5,163,965	8,250,861	6,479,075	6,309,203	5,887,004	6,159,589	5,393,661	6,279,183
VP	3,255,200	4,220,764	4,543,397	4,658,303	5,857,522	7,699,393	8,669,405	9,979,943	9,928,679
Total	7,317,717,869	7,059,066,904	7,334,865,410	7,171,857,170	7,210,817,303	7,615,145,885	7,773,940,277	8,148,742,609	8,336,752,887







These graphs depict the trends for *property damage* to transit agency vehicles or facilities (track, signals, buildings, etc.).
The dollar amounts are **not** adjusted for inflation.



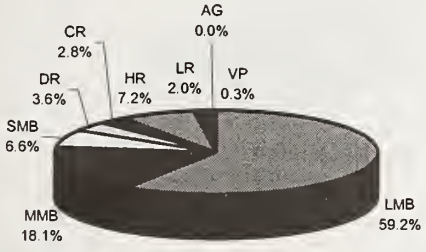
Property Damage by Mode and Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
LMB	$13,105,639	$13,091,179	$16,754,916	$23,305,005	$19,791,293	$17,801,076	$25,189,250	$23,387,924	$29,710,967
MMB	$8,900,792	$9,440,339	$9,490,771	$9,474,456	$11,475,827	$12,795,432	$11,929,679	$12,290,182	$7,711,961
SMB	$2,807,956	$7,971,835	$3,748,256	$3,240,757	$3,355,253	$3,568,235	$4,236,504	$5,283,693	$3,897,057
DR	$1,053,526	$547,062	$778,653	$985,023	$1,469,590	$1,776,958	$2,205,804	$2,716,914	$2,211,414
CR	$2,986,769	$9,003,757	$5,140,604	$4,628,509	$11,080,056	$8,472,858	$4,902,855	$4,079,609	$6,858,009
HR	$7,333,790	$3,911,643	$1,597,031	$2,853,586	$6,387,646	$8,690,402	$10,029,143	$2,223,754	$5,033,526
LR	$1,184,825	$801,082	$784,719	$1,669,265	$3,839,037	$2,047,011	$2,695,505	$4,938,769	$3,021,849
AG	$11,286	$0	$3,051	$19,789	$13,507	$19,972	$0	$0	$33,769
VP	$70,367	$157,835	$78,396	$89,583	$145,183	$306,646	$308,477	$393,499	$442,495
Total	$37,454,950	$44,924,732	$38,376,397	$46,265,973	$57,557,392	$55,478,590	$61,497,217	$55,314,344	$58,921,047

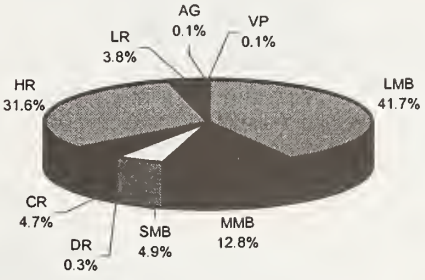
2000 Safety Data

Accidents and Passenger Distribution

by Transit Mode



Accidents



Passenger Distribution

AG - Automated Guideway	LMB - Large Motor Bus	HR - Heavy Rail
CR - Commuter Rail	MMB - Medium Motor Bus	LR - Light Rail
DR - Demand Response	SMB - Small Motor Bus	VP - Vanpool

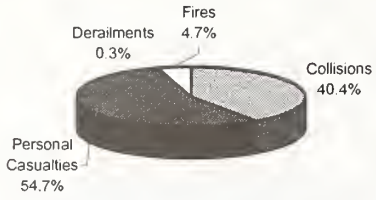
The pie chart on the left shows the percentage of accidents (or incidents) reported for each mode. The Accidents include **Collisions** (not suicides), **Derailments,** and **Personal Casualties** (inside vehicles, on right of ways, and entering/exiting vehicle) categories.

The pie chart on the right gives the percent of total transit ridership share held by each transit mode.

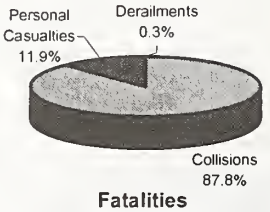
When compared, these pie charts provide another view of accident rates, e.g., with approximately 32% of transit passengers, Heavy Rail has only 7% of the total accidents. If all transit modes were equally safe, the pie charts would be identical.

Incidents, Fatalities, Injuries

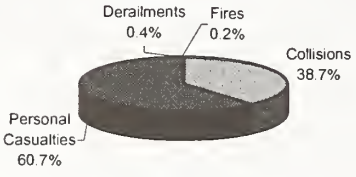
by Cause



Incidents



Fatalities



Injuries

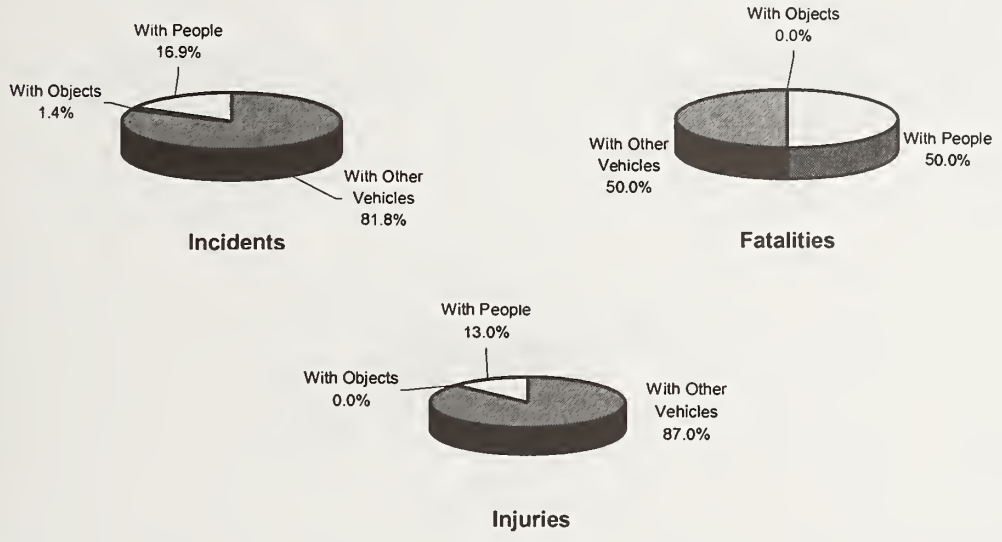
The pie chart on the left shows the percentage of *incidents* reported from each cause (**Collisions [including suicides], Derailments, Personal Casualties,** and **Fires)** to the total incidents from all causes.

The pie chart on the right shows the percentage of the *fatalities* and the pie chart in the middle shows the percentage of *injuries* from each cause **(Collisions [including suicides], Derailments, Personal Casualties,** and **Fires)** to the total.

The *fatalities* chart shows that Collisions are the single biggest contributing cause of fatalities.

Collisions at Grade Crossings

Incidents, Fatalities, Injuries
by Type



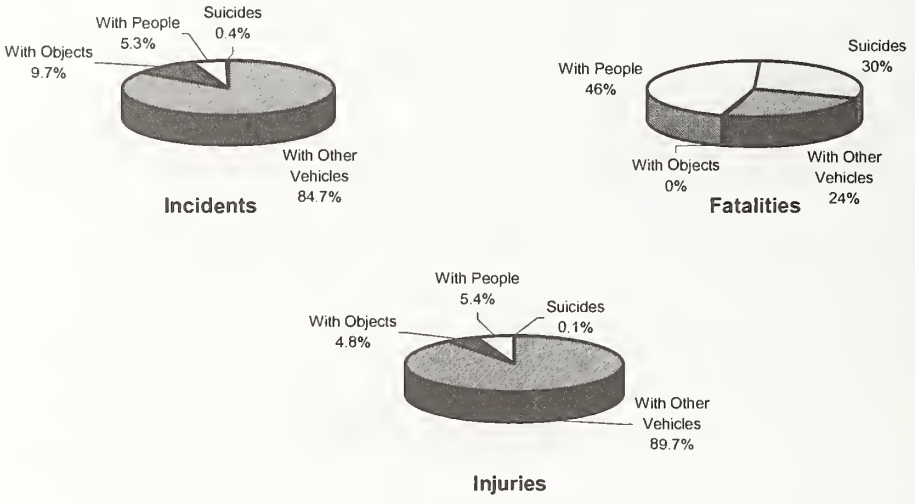
The pie chart on the left shows the percentage of each type of grade crossing *incident* (i.e., Collisions with other vehicles, objects, and people) to the total **Collisions at grade crossings. Collisions at grade crossings** apply only to rail modes.

The pie chart on the right shows the percentage of the *fatalities,* and the pie chart in the middle shows the percentage of *injuries* from each type of **Collisions at grade crossings** (i.e., with other vehicles, objects, and people) to the total.

Comparing the three charts provides more insight into the causes of incidents, injuries, and deaths from Collisions at grade crossings; e.g., Collisions with people was a small pecentage of grade crossing incidents but accounted for half of the fatalities.

Collisions

Incidents, Fatalities, Injuries
by Type



The pie chart on the left shows the percentage of each type of *incident* resulting from **Collisions** (i.e., with other vehicles, objects, and people) to the total Collision *incidents.*

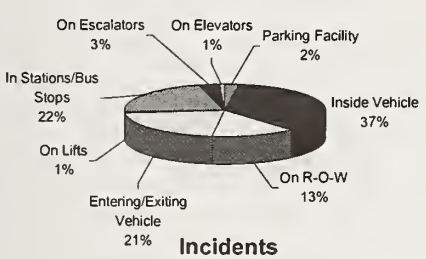
The pie chart on the right shows the percentage of the *fatalities,* and the pie chart in the middle shows the percentage of *injuries* from each type of **Collision** (i.e., with other vehicles, objects, and people) to the total.

Comparing the three charts provides more insight into the causes of incidents, injuries, and deaths from Collisions.

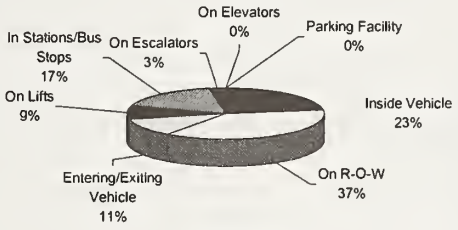
Personal Casualties

Incidents, Fatalities, Injuries

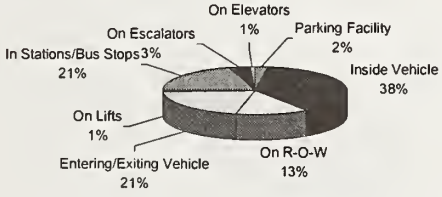
by Location



Incidents



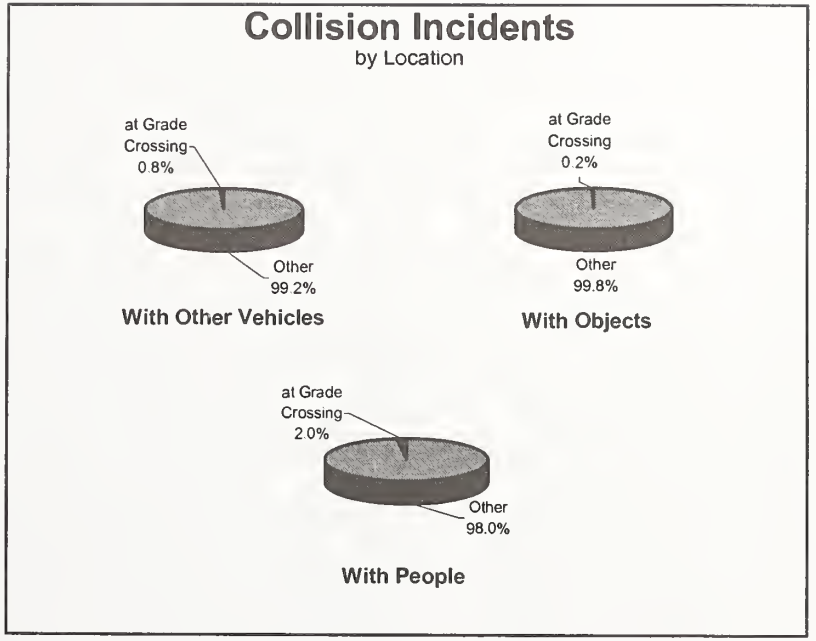
Fatalities

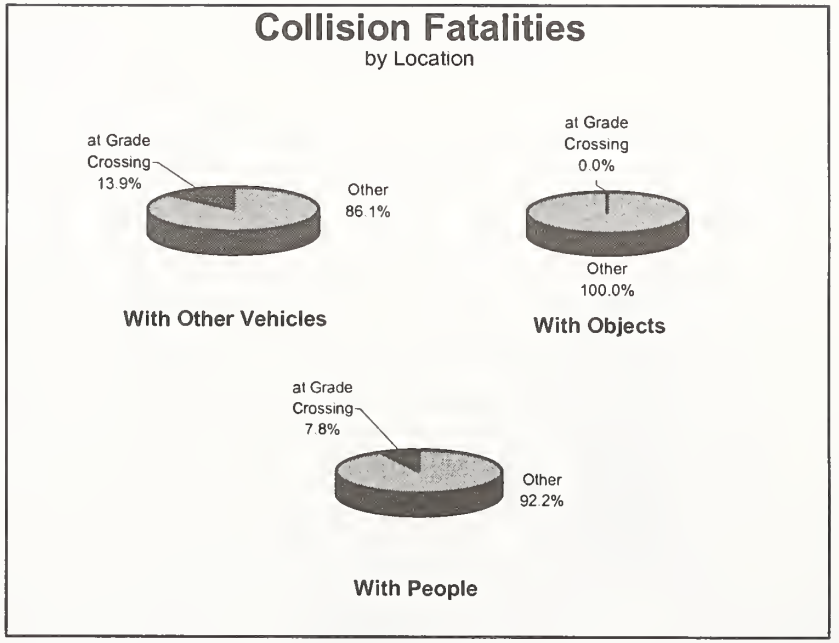


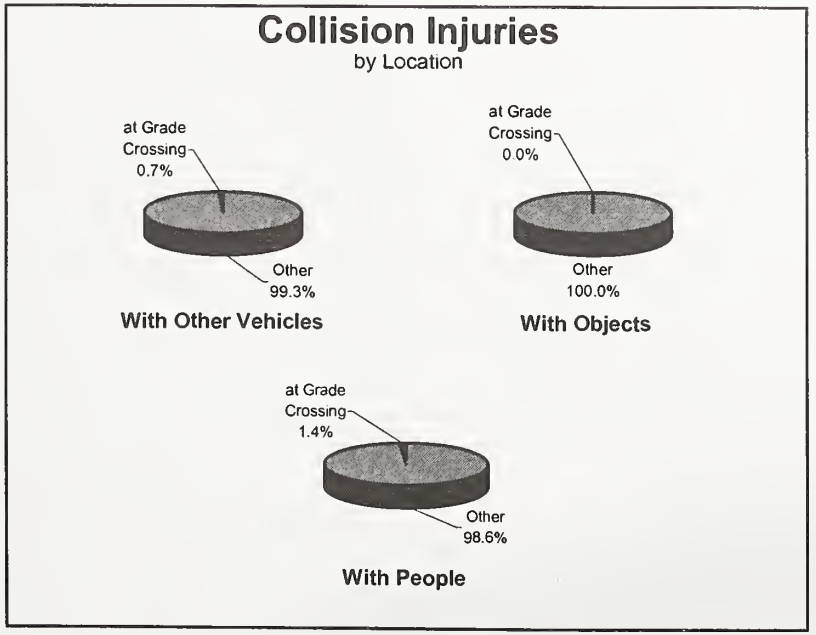
Injuries

The pie chart on the left shows the percentage of each type of *incident* in the **Personal Casualties** category (in parking facilities, inside vehicles, on right of ways, entering/exiting vehicles [associated with lifts], in stations/bus stops [associated with escalators, and associated with elevators]) to the total incidents of Personal Casualties.

The pie chart on the right shows the percentage of *fatalities* , and the pie chart in the middle shows the percentage of *injuries* from each of these incidents.





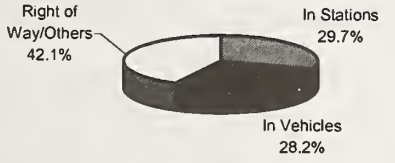


In each of the charts, the pie on the left shows the percentage of **Collisions with other vehicles at grade crossings** to the total Collisions with vehicles. The pie on the right is the percentage of **Collisions with objects at grade crossings** to the total Collisions with objects. The pie in the middle shows the percentage of **Collisions with people at grade crossings** to the total Collisions with people (excluding suicides).

Each set of three charts show a relatively low percentage of incidents, fatalities, and injuries at grade crossings. However, fatalities occurring in **Collisions with other vehicles at grade crossings** was up to 13.9% of the total despite representing less than 1% of total **Collision with other vehicles incidents.**

Fires

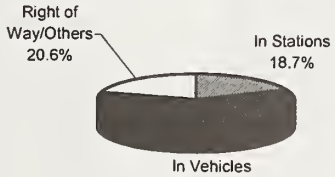
Incidents, Fatalities, Injuries
by Location



Incidents

None

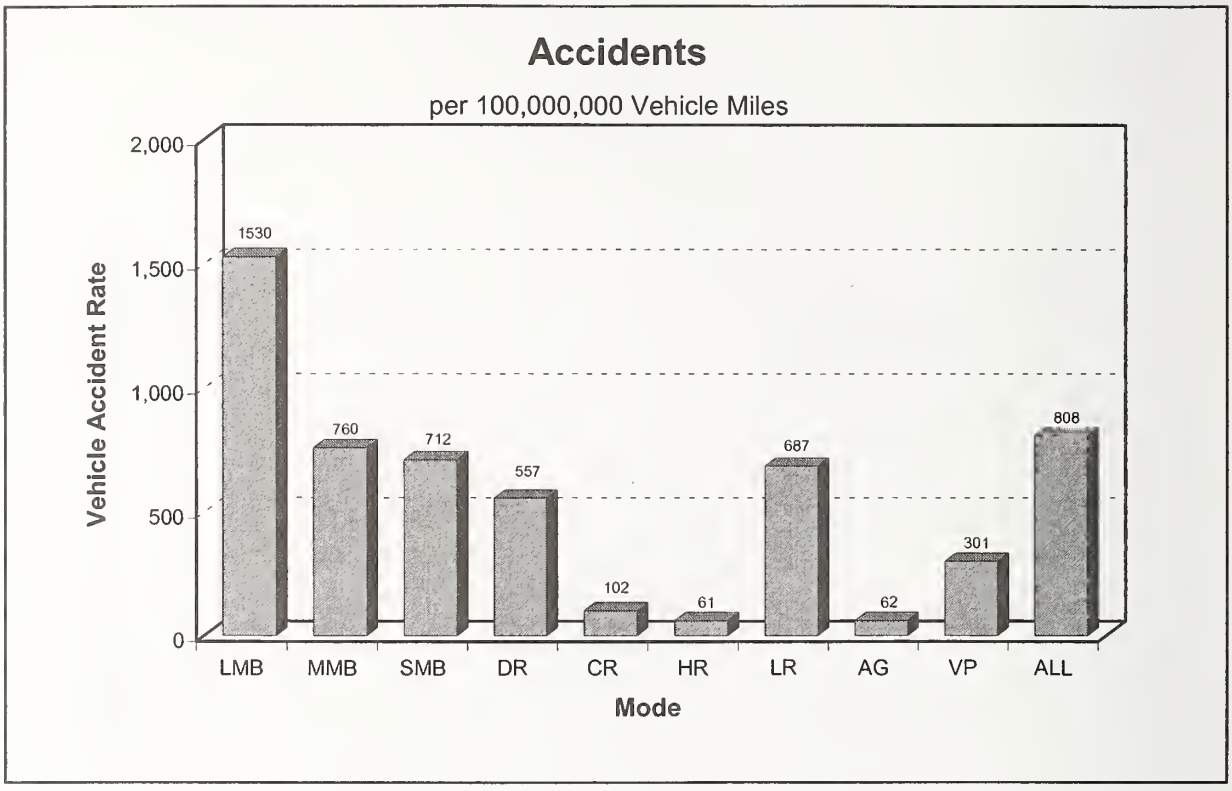
Fatalities



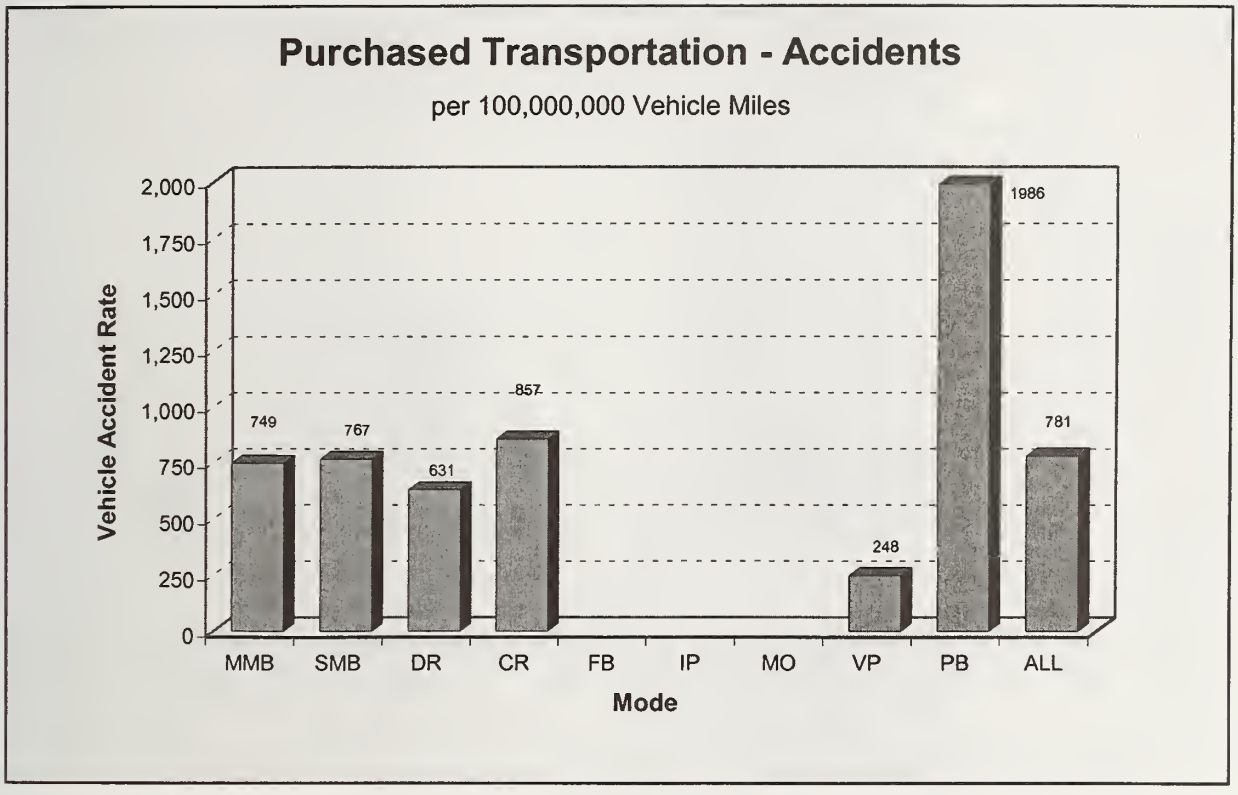
Injuries

The pie chart on the left shows the percentage of each type of **Fire** *incident* (in vehicles, in stations, and on right of way and others) to the total incidents of Fires.

Comparing the charts provides more insight into the the types of Fires and the causes of injuries from them, e.g., a fire inside the vehicle (the smallest percentage of fire incidents) resulted in more injuries than a fire on the road or in a station/ bus stop. The most recent fatality as a result of Fire occurred in 1998.



The graph shows the accident rate which is based on the number of vehicle accidents only. These include all vehicle accidents resulting from **Collisions** (with vehicles, objects, people [not suicides]) and **Derailments** (vehicle derailed/left roadway). The vehicle mile figure used includes both revenue and non-revenue miles since there are risks present during both types of operation. The three rail modes (Commuter Rail, Heavy Rail, and Light Rail) report car rather than train miles for vehicle miles.



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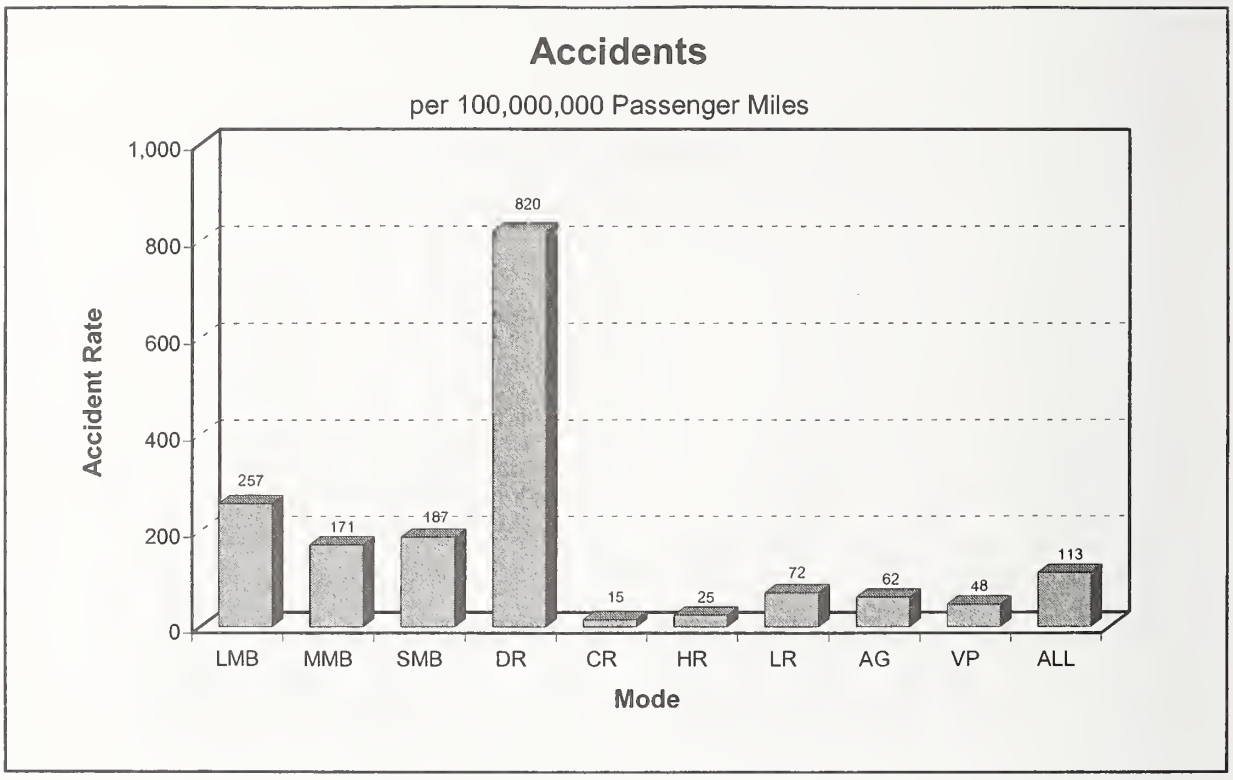
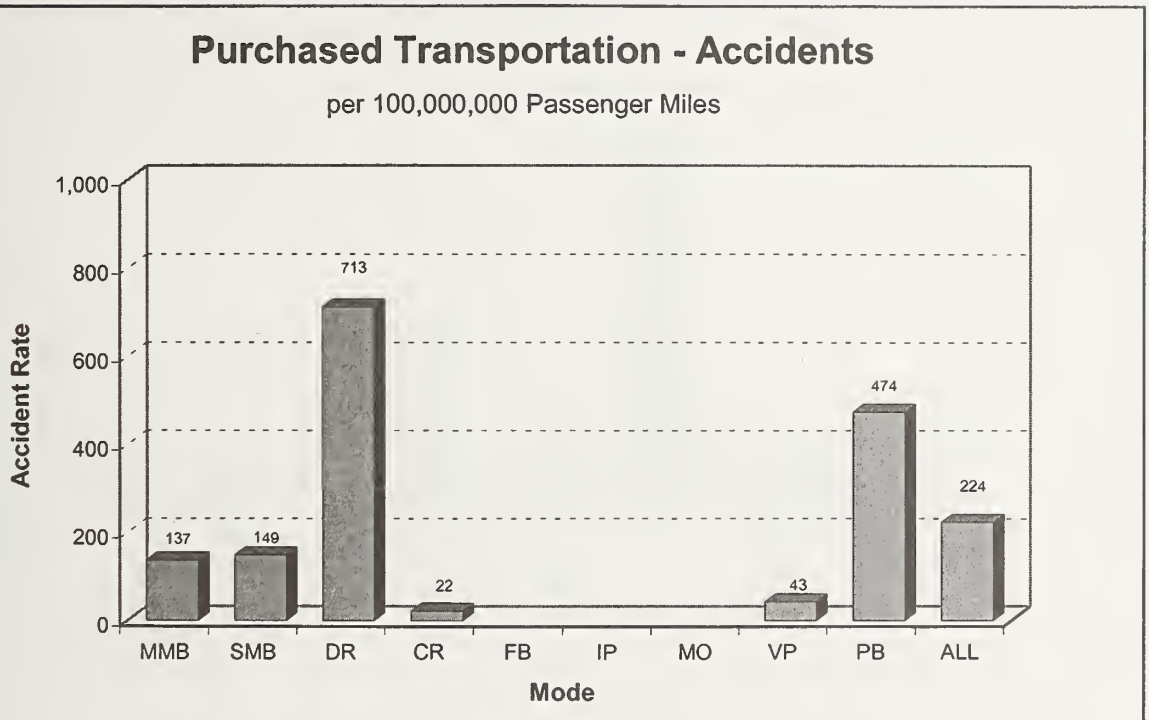


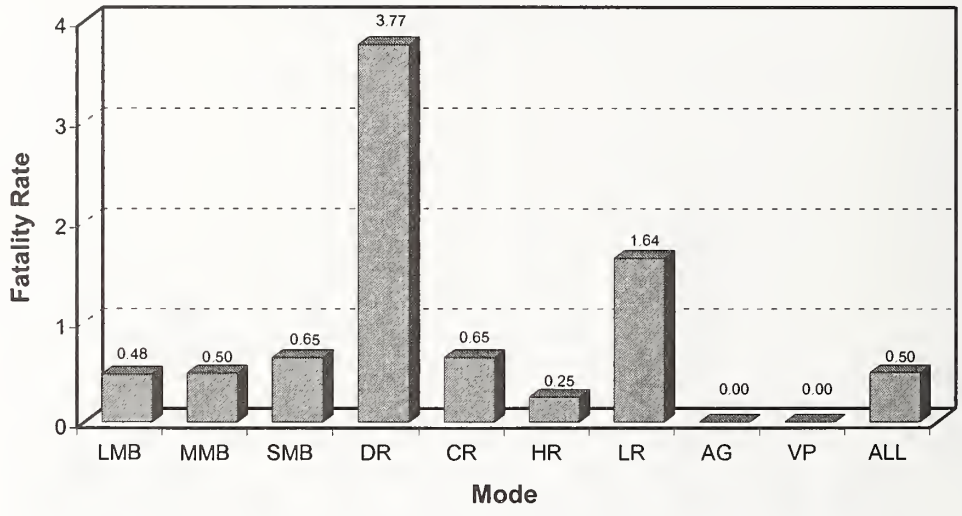
The graph shows the accident (or incident) rates which result from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/ exiting the vehicle). When analyzing the results on this page, consider that the number of vehicle accidents, the number of passengers, and the average trip length all affect the accident rate. This graph differs from the previous page in that it also includes **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle), and is indexed in Passenger Miles.



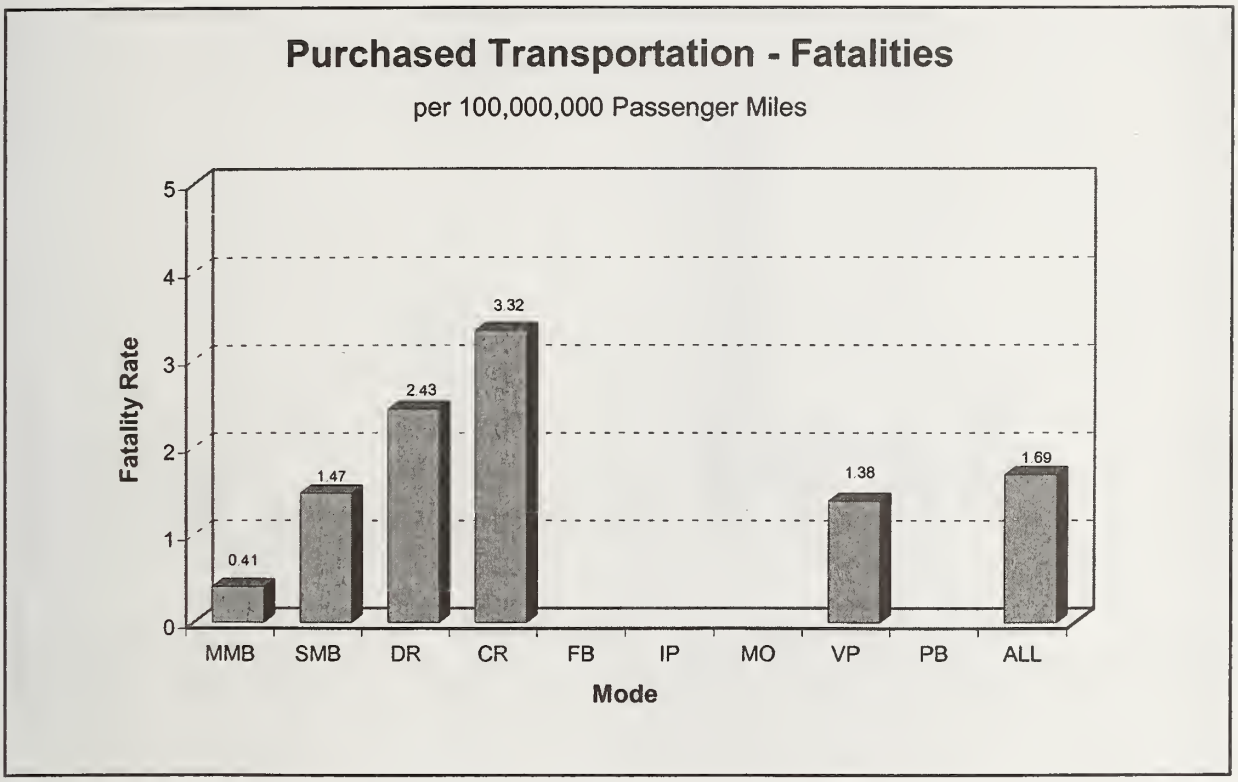
The graph shows the accident (or incident) rates which result from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/ exiting the vehicle). When analyzing the results on this page, consider that the number of vehicle accidents, the number of passengers, and the average trip length all affect the accident rate. This graph differs from the previous page in that it also includes **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle), and is indexed in Passenger Miles.

Fatalities

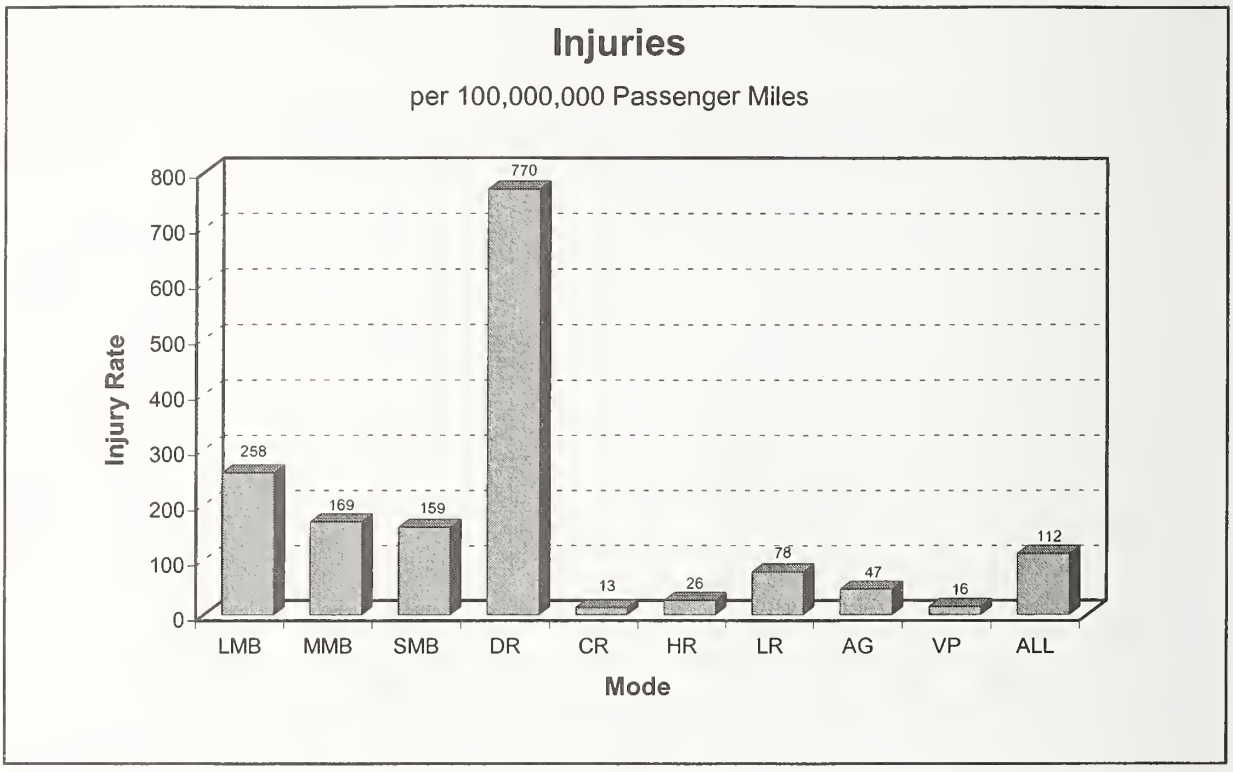
per 100,000,000 Passenger Miles



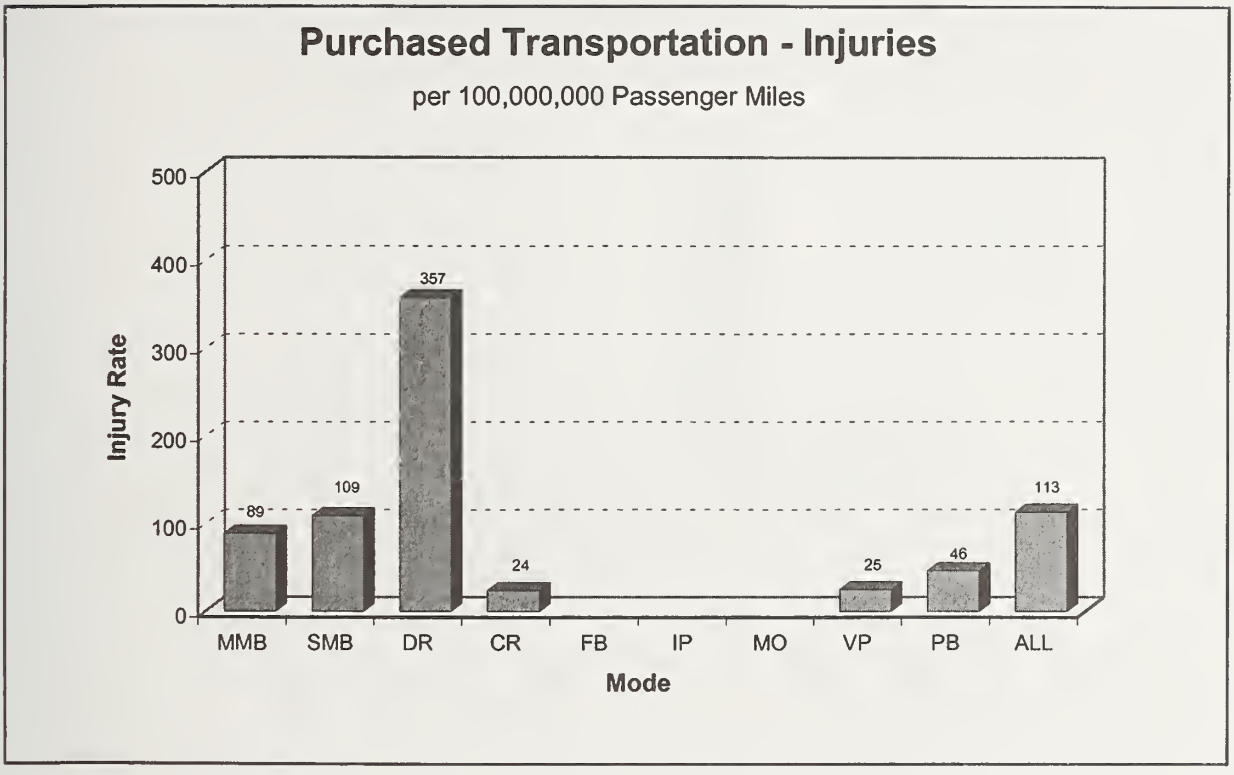
These statistics represent *fatalities* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle).



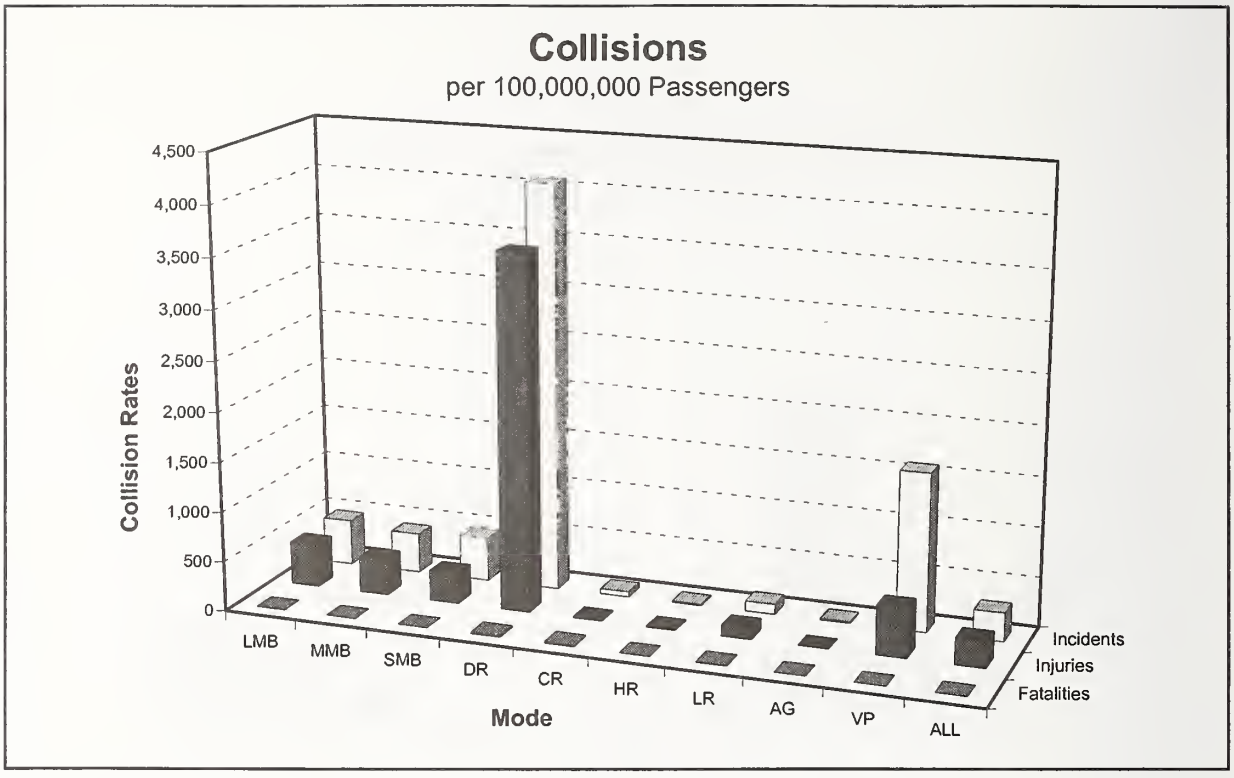
These statistics represent *fatalities* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle) and **Fires**.



These statistics represent *injuries* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), and **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle).

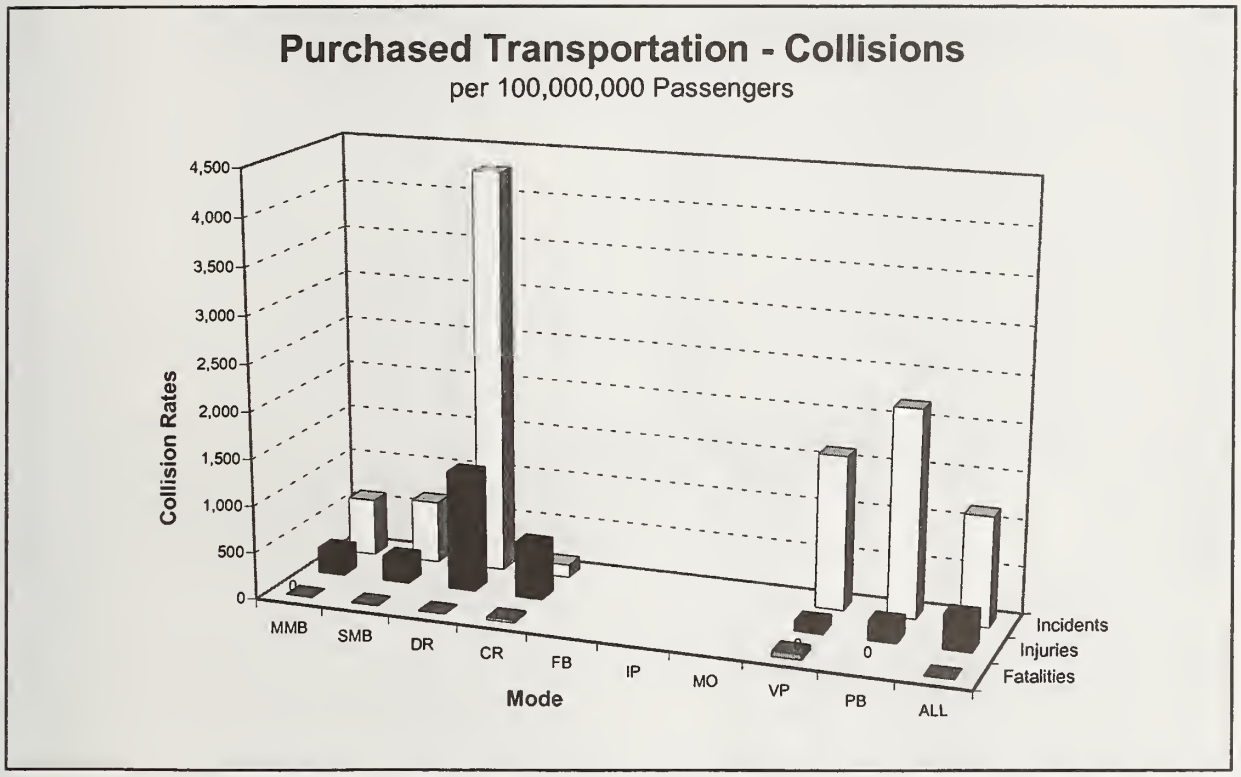


These statistics represent *injuries* resulting from **Collisions** (with vehicles, objects, people [not suicides]), **Derailments** (vehicle derailed/left roadway), **Personal Casualties** (on right of way, inside the vehicle, and entering/exiting the vehicle), and **Fires**.



This graph shows the rates of *incidents, injuries,* and *fatalities* (except attempted/successful suicides) for the **Collisions** category of Form 405.

The rates show how often incidents, fatalities, and injuries occur as a result of Collisions with respect to the number of passengers carried. These rates should be considered when looking at the Collision figures (stacked bar charts), which provide only raw numbers. The raw numbers alone do not provide a full picture of relative safety without data on exposure, which is provided here.



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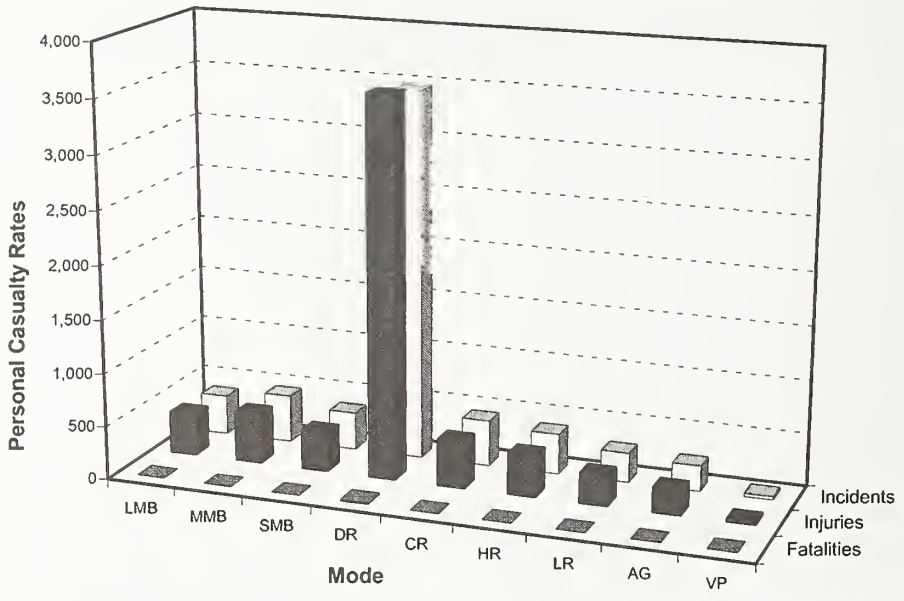
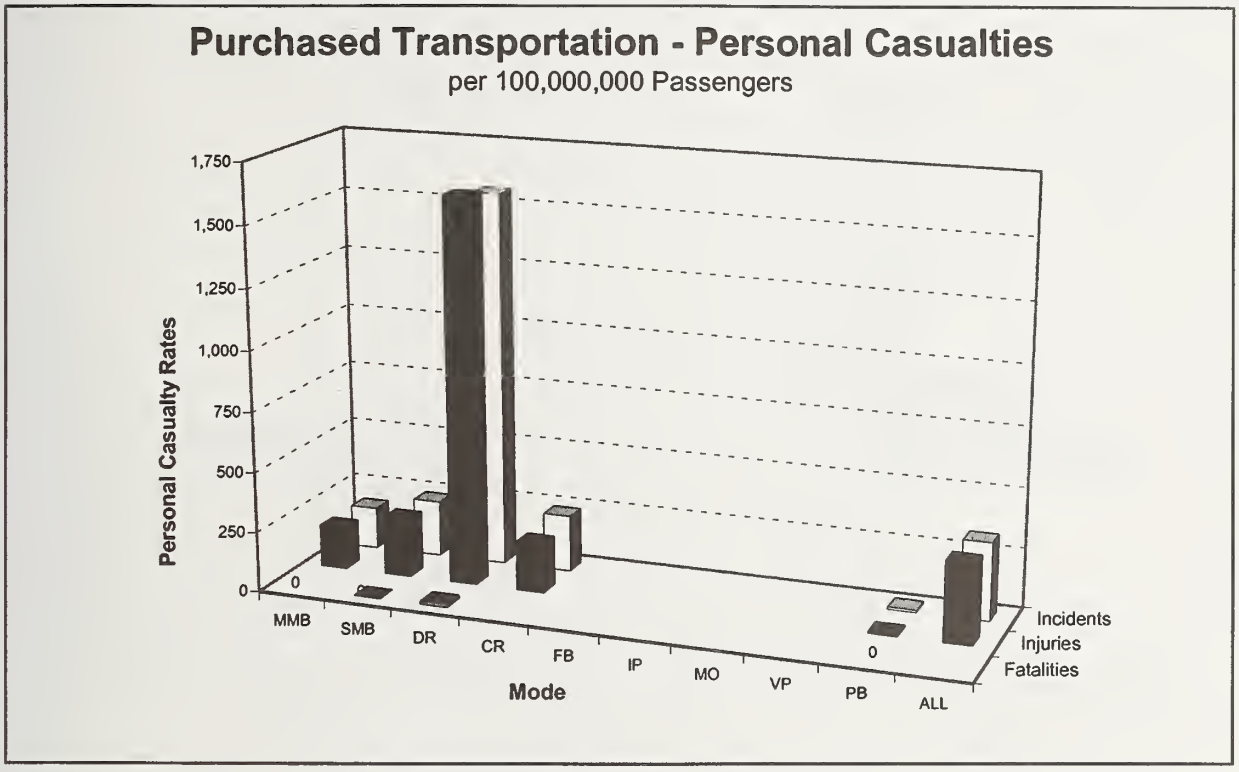


This graph provides the rates by transit mode for *incidents, fatalities,* and *injuries,* classified under the **Personal Casualties** category of Form 405. Keep in mind that **Personal Casualties** is a transit mishap category where people are hurt but not as a result of Collisions, Derailments, or Fires. The rates show how frequently incidents, deaths, and injuries occur, based on passenger exposure to risk. These rates should be kept in mind when looking at the Personal Casualties figures (stacked bar charts), which provide only raw numbers. The raw numbers alone do not provide a full picture of relative safety without data on exposure, which is provided here.



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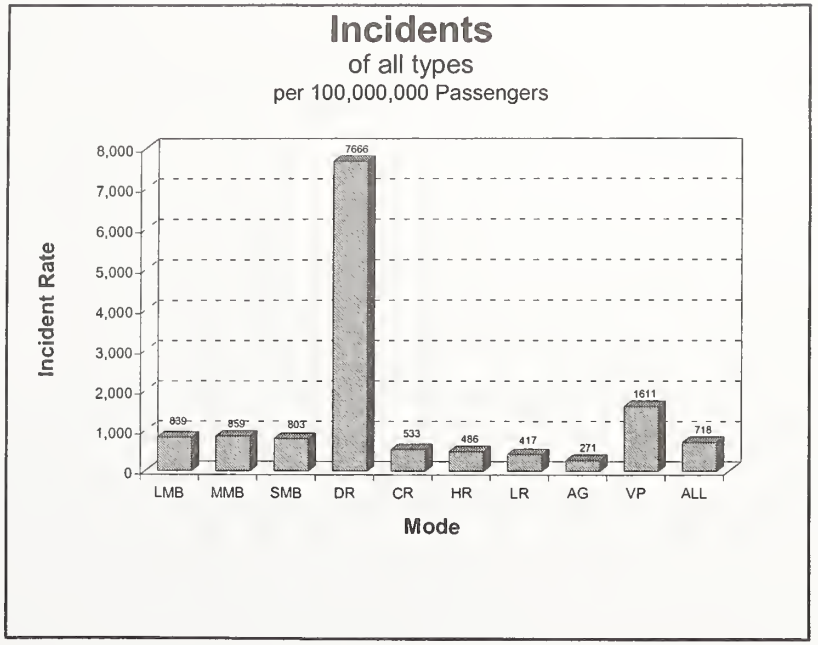
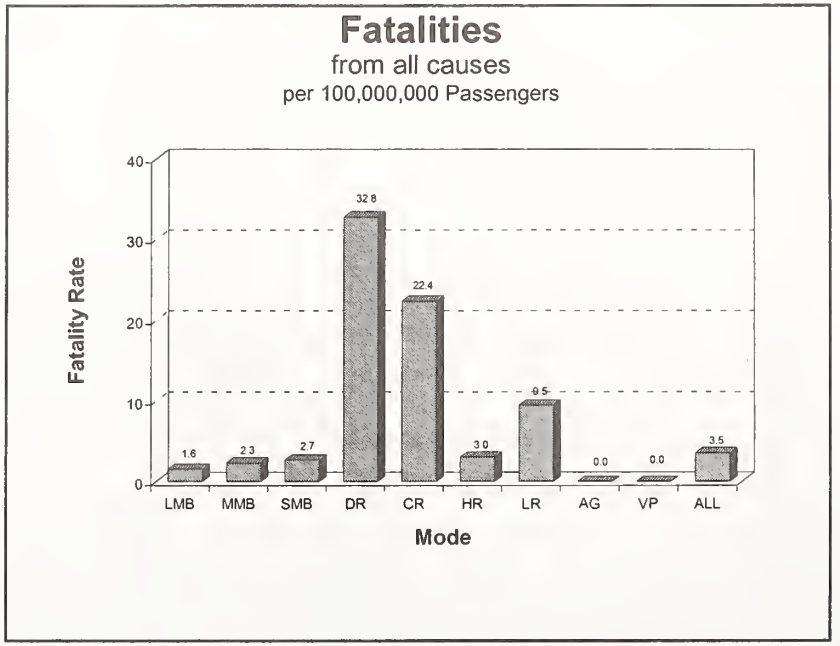
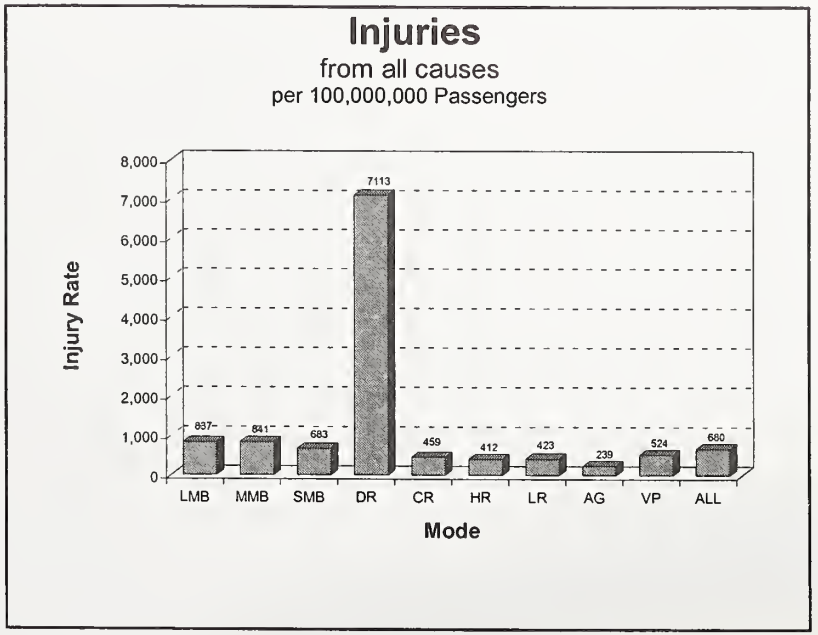
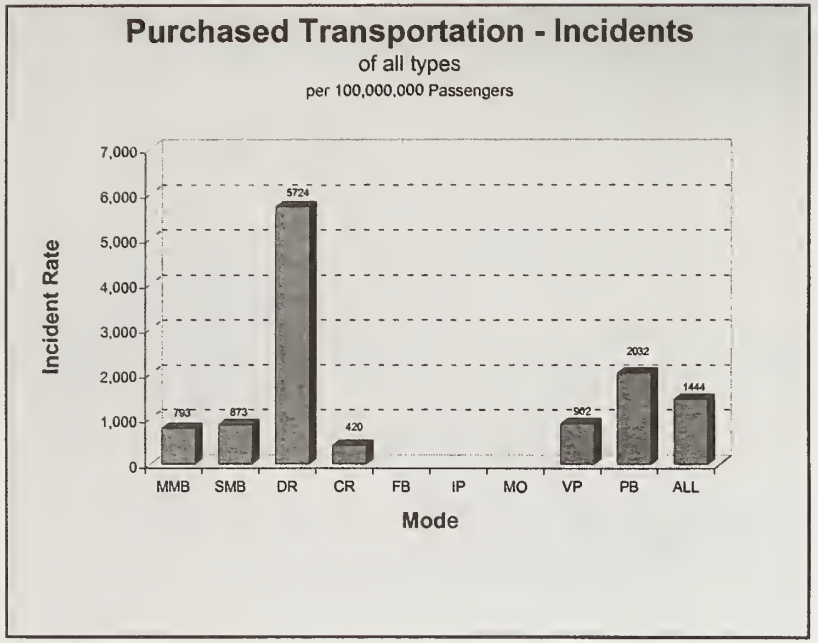


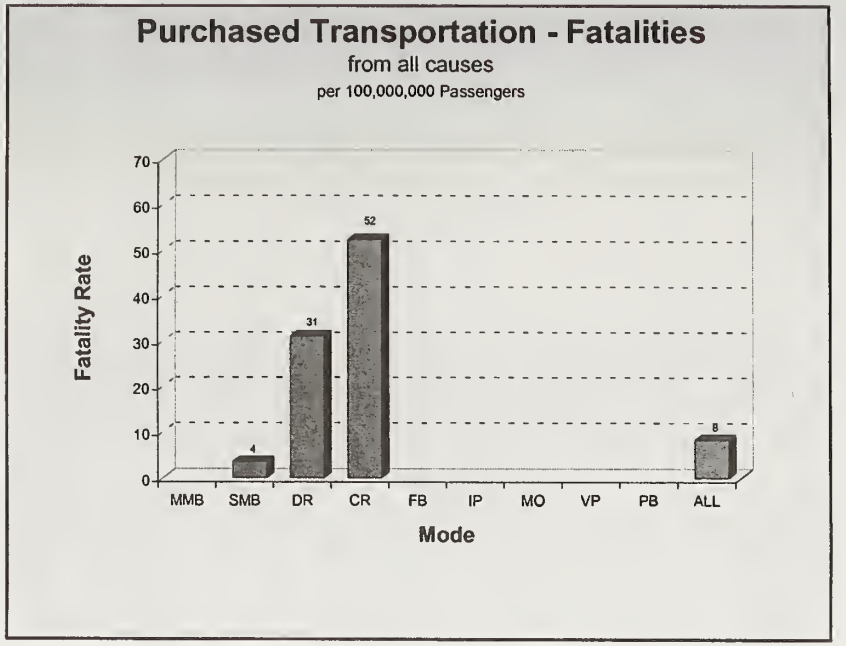


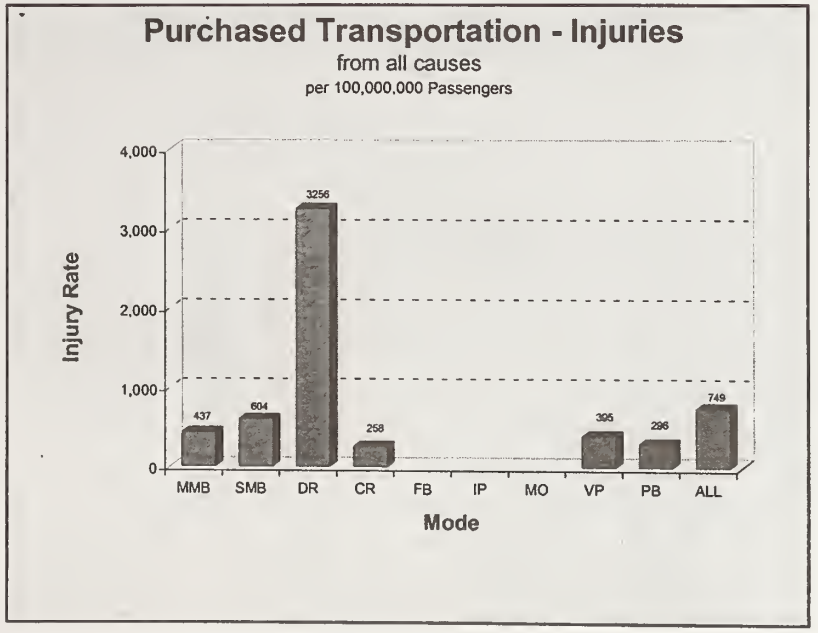


These graphs depict the *incident, fatality,* and *injury* rates, from all causes listed in the Transit Safety Form (405), i.e., **Collisions, Derailments, Personal Casualties,** and **Fires.**

Also note that they are indexed in number of Passengers.



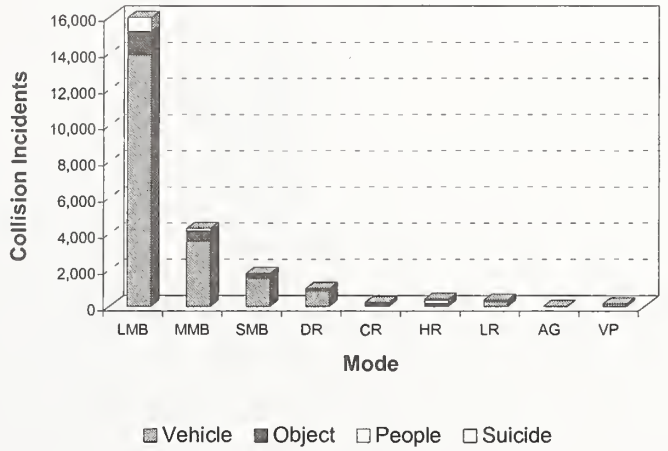




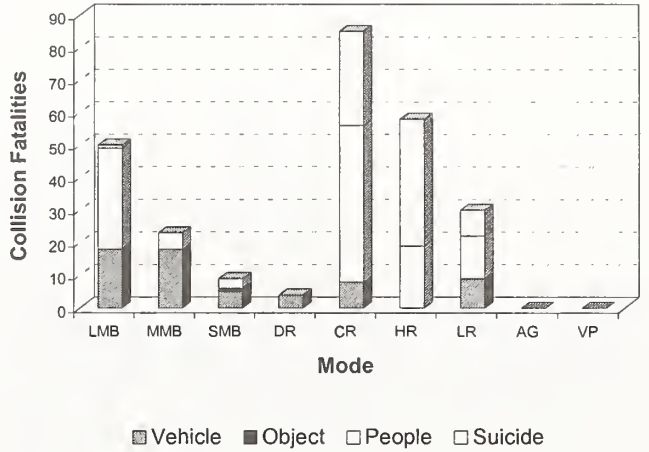
These graphs depict the *incident, fatality,* and *injury* rates, from all causes (except suicides), listed in the Transit Safety Form (405), i.e., **Collisions, Derailments, Personal Casualties,** and **Fires.**

Also note that they are indexed in number of Passengers.

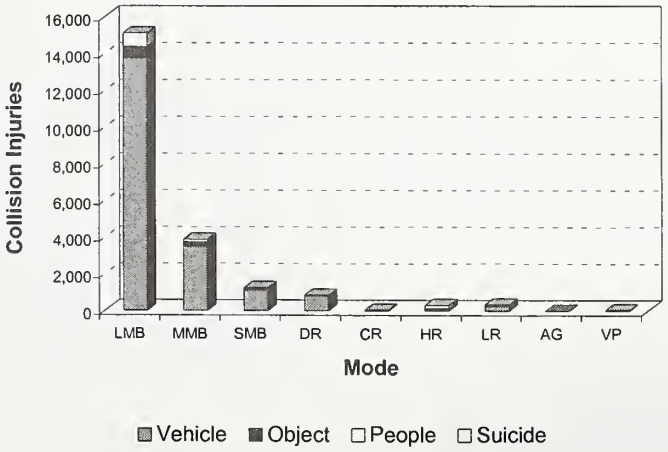
Incidents
of Collision



Fatalities
Resulting from Collisions



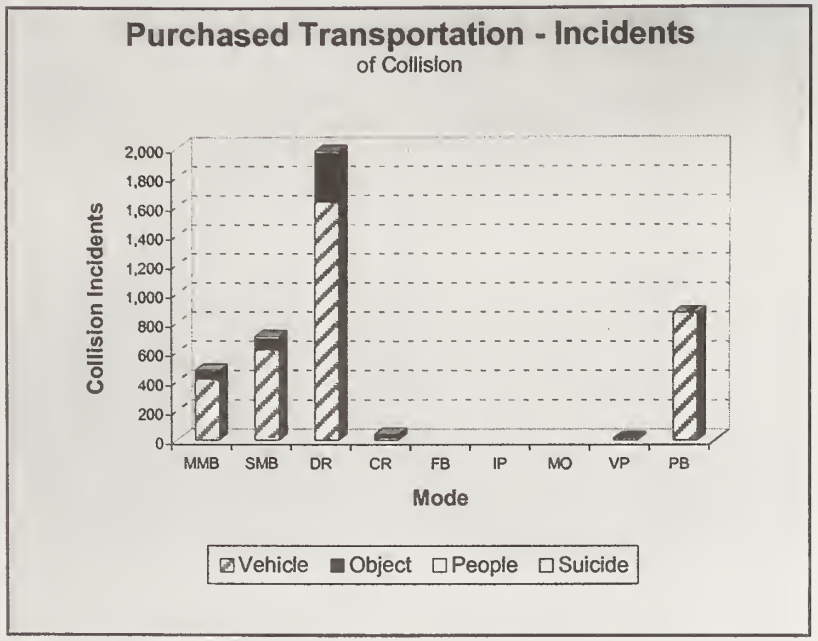
Injuries
Resulting from Collisions

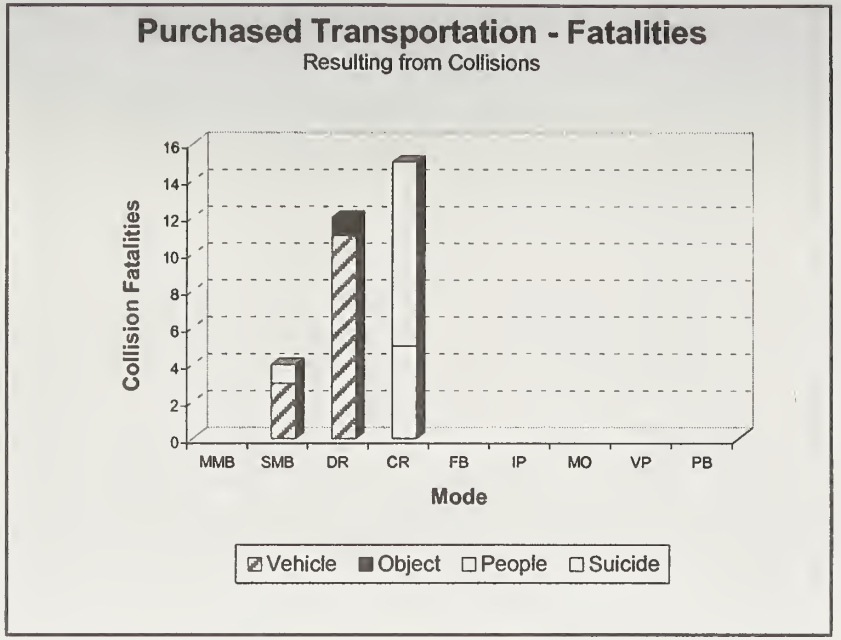


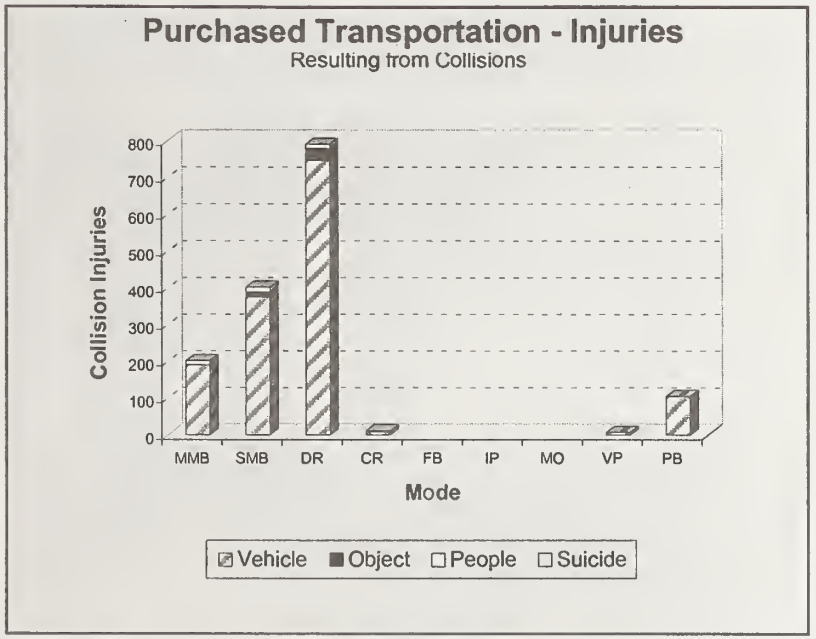
These graphs break down by type *incidents, injuries,* and *fatalities* resulting from **Collisions** (with vehicles, objects, people, and suicides).

In 2000, *suicide fatalities* were up significantly in the Light Rail mode (+100%) from 1999 totals. *Fatalities* were up again in the Light Rail mode (+69%) in 2000 over 1999, after a moderate drop from 1998 to 1999. They are up significantly from the lows of 1996 and 1997. Light Rail *fatalities* in 2000 also include 6 patrons where there was only 1 patron fatality in the 1996-1998 period. This is likely a reflection of new and expanding Light Rail systems nationwide.

Note that the Motor Bus categories refer to the size of the agency's fleet as opposed to the size of the vehicles. See glossary for details.



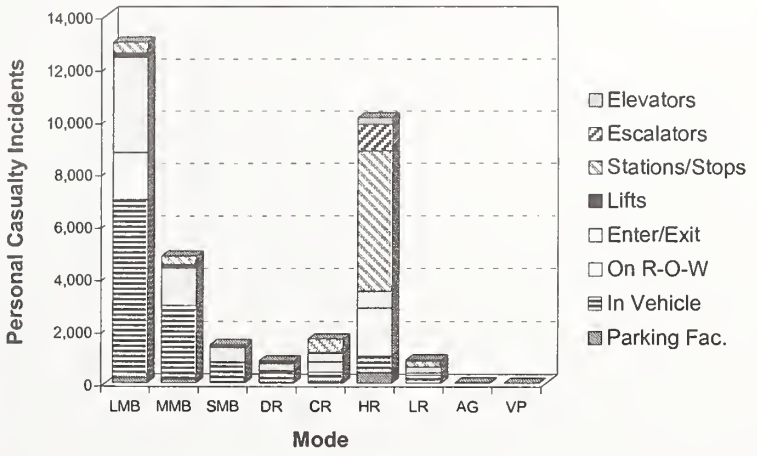




These graphs break down by type *incidents, injuries,* and *fatalities* resulting from **Collisions** (with vehicles, objects, and people).

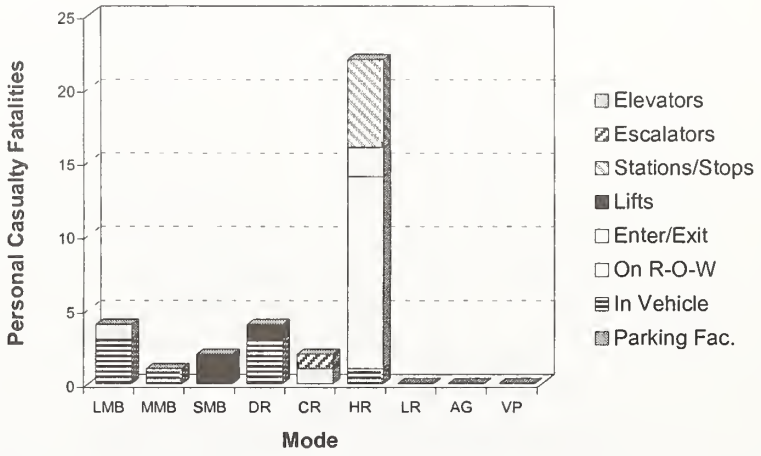
Incidents

of Personal Casualty



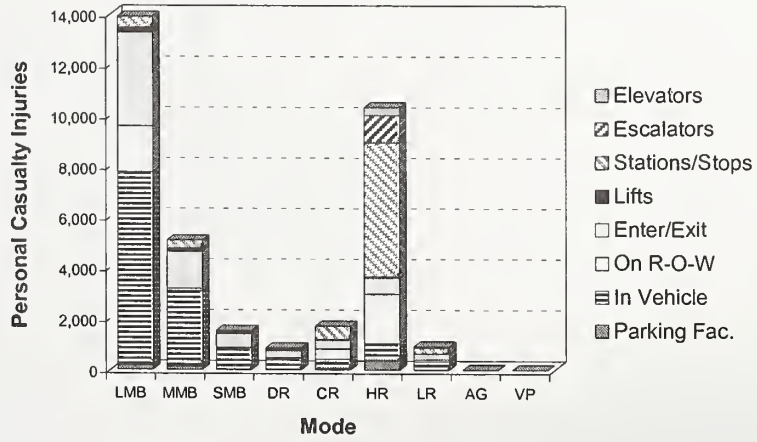
Fatalities

Resulting from Personal Casualty



Injuries

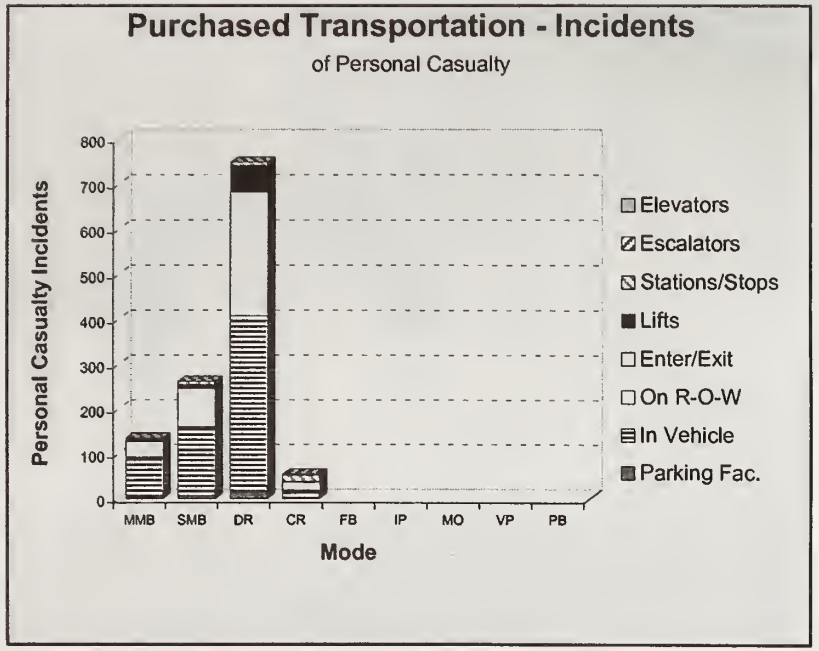
Resulting from Personal Casualty

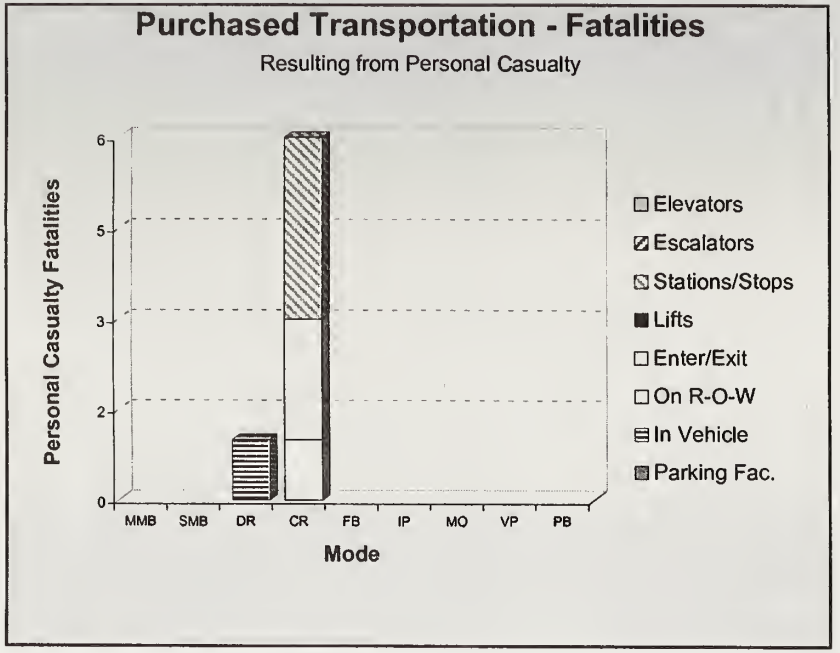


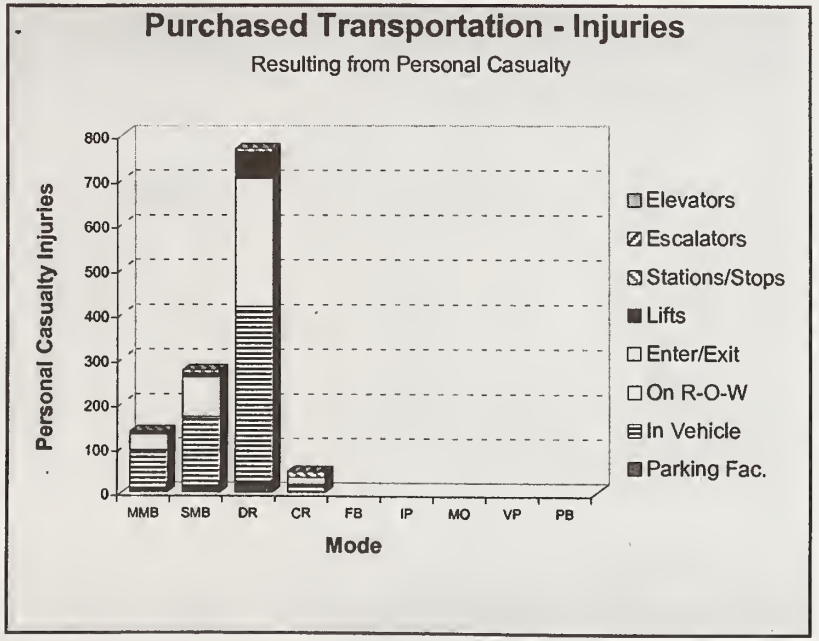
These graphs break down by type *incidents, injuries,* and *fatalities* that are classified under the **Personal Casualties** category of Form 405 (in parking facilities, inside vehicle, on right of way, entering/exiting the vehicle [associated with lifts], in station/bus stops [associated with escalators, and associated with elevators]).

Keep in mind that **Personal Casualties** is a transit mishap category (in Form 405) where people are hurt but <u>not</u> as a result of Collisions, Derailments, or Fires.

2000 saw Heavy Rail *fatalities* from **Personal Casualties** on right-of-ways decrease (from 16 to 13) over 1999, but remain above the 1998 level (6). These were all most likely trespassers, as Heavy Rail runs on an exclusive right of way.

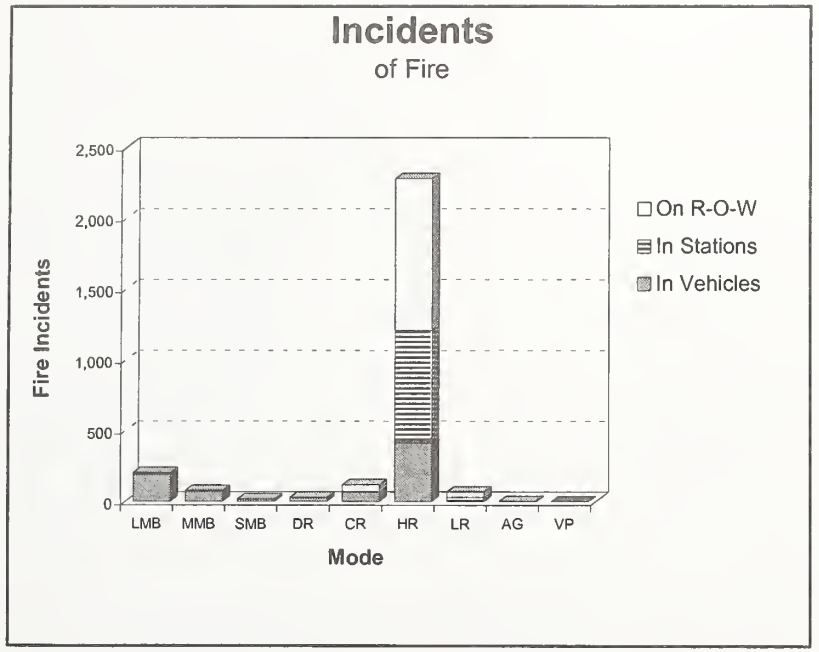


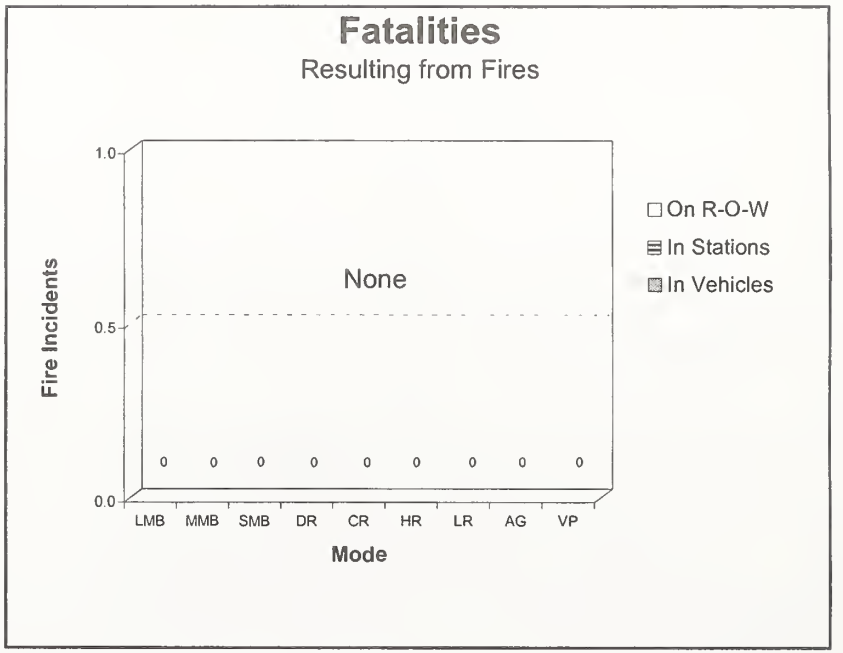


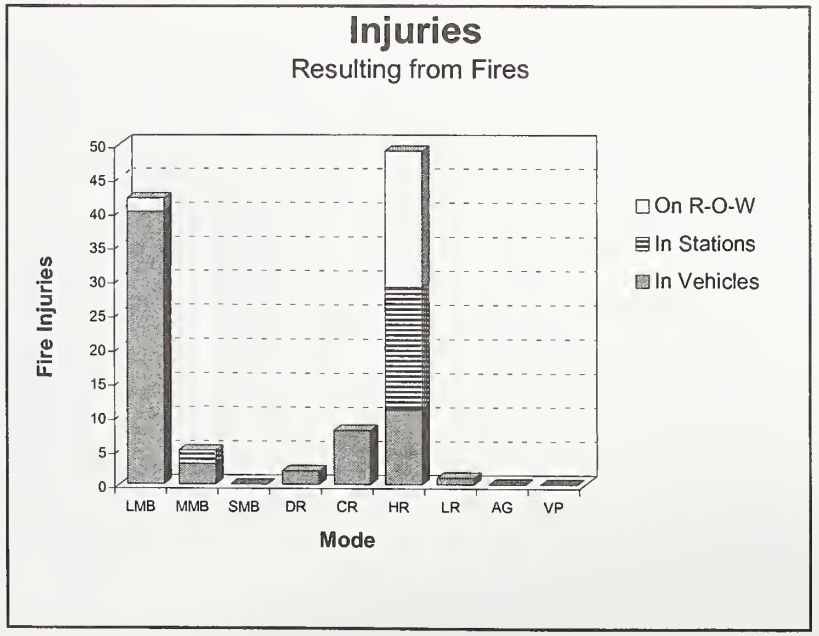


These graphs break down by type *incidents, injuries,* and *fatalities* that are classified under the **Personal Casualties** category of Form 405 (in parking facilities, inside vehicle, on right of way, entering/exiting the vehicle [associated with lifts], in station/bus stops [associated with escalators, and associated with elevators]).

Keep in mind that **Personal Casualties** is a transit mishap category (in Form 405) where people are hurt but <u>not</u> as a result of Collisions, Derailments, or Fires.





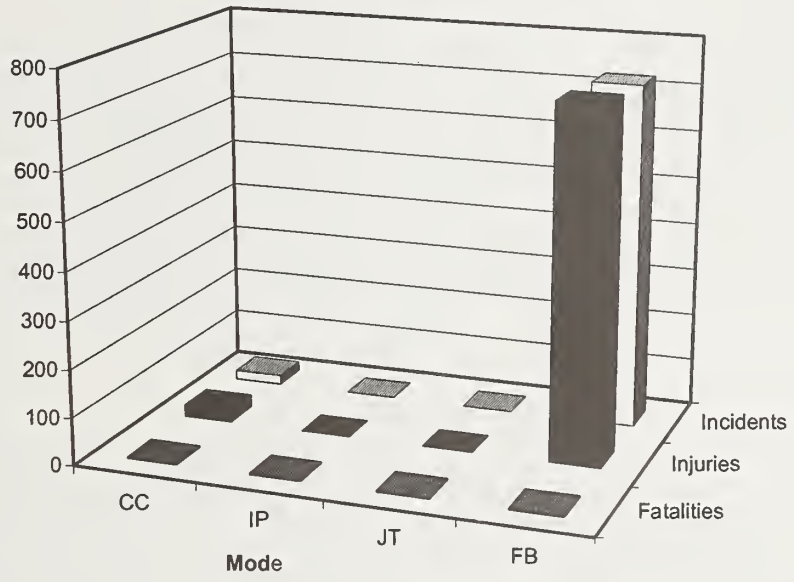


These graphs break down by type: the *incidents,* and resulting *fatalities and injuries,* from **Fires** (in vehicles, in stations, and on right of way/road and others).

While there were relatively few incidents of Fires, the graph clearly shows that the vast majority of such incidents occured in heavy rail stations and rights of way.

Other Transit Modes

Incidents, Fatalities, Injuries
from all causes



Totals for Cable Car, Inclined Plane, Jitney, and Ferry Boat

by Year

	1992	1993	1994	1995	1996	1997	1998	1999	2000
Incidents	400	411	650	536	301	353	253	1,078	745
Fatalities	0	1	0	0	1	0	0	0	0
Injuries	399	383	616	598	354	357	379	1,091	762
Damage*	288,308	220,674	321,705	3,262,700	157,184	66,850	23,887	104,251	76,540

* Property Damage in Dollars ($)

Collisions

Bus

INCIDENTS

Collisions[1]	LMB	MMB	SMB
With Other Vehicles	13,899	3,601	1,560
(w/vehicles at grade crossings)	0	3	30
With Objects	1,277	546	228
(w/objects at grade crossings)	0	2	0
With People[2]	777	153	30
(w/people at grade crossings)	0	0	1
(attempted suicides)[3]	1	1	0
Total[4]	**15,953**	**4,300**	**1,818**

FATALITIES

Collisions[1]	Patrons			Employees			Others		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
With Other Vehicles	4	1	0	0	2	0	14	15	5
(w/vehicles at grade crossings)	0	0	0	0	0	0	0	0	0
With Objects	0	0	0	0	0	1	0	0	0
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	2	1	0	1	0	0	29	4	3
(w/people at grade crossings)	0	0	0	0	0	0	0	0	0
(attempted suicides)	0	0	0	0	0	0	1	0	0
Total[4]	**6**	**2**	**0**	**1**	**2**	**1**	**43**	**19**	**8**

INJURIES

Collisions[1]	Patrons			Employees			Others		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
With Other Vehicles	7,759	2,318	794	1,629	449	174	4,384	758	176
(w/vehicles at grade crossings)	0	2	20	0	2	4	0	2	3
With Objects	439	137	78	68	83	9	81	13	5
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	118	48	9	77	4	0	558	90	19
(w/people at grade crossings)	0	0	0	0	0	0	0	0	1
(attempted suicides)	0	0	0	0	0	0	0	1	0
Total[4]	**8,316**	**2,503**	**881**	**1,774**	**536**	**183**	**5,023**	**861**	**200**

[1] Collisions with vehicles, objects, and people include their respective "at grade crossing" figures.

[2] People figures include suicides.

[3] Incidents of suicide include fatalities, injuries, and unharmed.

[4] Total figures do not include parenthetical items.

Purchased Transportation - Collisions

Bus

INCIDENTS

Collisions[1]	MMB	SMB
With Other Vehicles	388	616
(w/vehicles at grade crossings)	0	12
With Objects	92	121
(w/objects at grade crossings)	0	2
With People[2]	9	9
(w/people at grade crossings)	0	2
(attempted suicides)[3]	0	0
Total[4]	**489**	**746**

FATALITIES

Collisions[1]	Patrons		Employees		Others	
	MMB	SMB	MMB	SMB	MMB	SMB
With Other Vehicles	0	4	0	0	1	5
(w/vehicles at grade crossings)	0	0	0	0	0	0
With Objects	0	0	0	0	0	0
(w/objects at grade crossings)	0	0	0	0	0	0
With People[2]	0	0	0	0	1	0
(w/people at grade crossings)	0	0	0	0	0	0
(attempted suicides)	0	0	0	0	0	0
Total[4]	**0**	**4**	**0**	**0**	**2**	**5**

INJURIES

Collisions[1]	Patrons		Employees		Others	
	MMB	SMB	MMB	SMB	MMB	SMB
With Other Vehicles	100	281	27	54	18	89
(w/vehicles at grade crossings)	7	0	0	0	0	0
With Objects	6	24	5	0	0	2
(w/objects at grade crossings)	0	0	0	0	0	0
With People[2]	3	3	0	0	9	5
(w/people at grade crossings)	0	0	0	0	0	2
(attempted suicides)	0	0	0	0	0	0
Total[4]	**109**	**308**	**32**	**54**	**27**	**96**

[1] Collisions with vehicles, objects, and people include their respective "at grade crossing" figures.

[2] People figures include suicides.

[3] Incidents of suicide include fatalities, injuries, and unharmed.

[4] Total figures do not include parenthetical items.

Collisions

Rail

INCIDENTS

Collisions[1]	CR	HR	LR
With Other Vehicles	75	88	260
(w/vehicles at grade crossings)	30	1	90
With Objects	54	76	10
(w/objects at grade crossings)	2	0	0
With People[2]	96	230	72
(w/people at grade crossings)	9	0	16
(attempted suicides)[3]	17	58	9
Total[4]	**225**	**394**	**342**

FATALITIES

Collisions[1]	Patrons			Employees			Others		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
With Other Vehicles	0	0	0	0	0	0	8	0	9
(w/vehicles at grade crossings)	0	0	0	0	0	0	1	0	9
With Objects	0	0	0	0	0	0	0	0	0
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	0	50	6	0	1	0	77	7	15
(w/people at grade crossings)	0	0	0	0	0	0	7	0	3
(attempted suicides)	0	34	1	0	0	0	29	5	7
Total[4]	**0**	**50**	**6**	**0**	**1**	**0**	**85**	**7**	**24**

INJURIES

Collisions[1]	Patrons			Employees			Others		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
With Other Vehicles	4	9	113	2	43	48	26	16	100
(w/vehicles at grade crossings)	0	0	34	0	0	13	9	1	50
With Objects	3	39	31	0	24	5	0	1	1
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	5	70	13	0	113	8	10	3	41
(w/people at grade crossings)	0	0	3	0	0	6	2	0	3
(attempted suicides)	0	19	1	0	0	0	0	3	0
Total[4]	**12**	**118**	**157**	**2**	**180**	**61**	**36**	**20**	**142**

[1] Collisions with vehicles, objects, and people include their respective "at grade crossing" figures.

[2] People figures include suicides.

[3] Incidents of suicide include fatalities, injuries, and unharmed.

[4] Total figures do not include parenthetical items.

Purchased Transportation - Collisions

Rail

INCIDENTS

Collisions[1]	CR
With Other Vehicles	16
(w/vehicles at grade crossings)	15
With Objects	6
(w/objects at grade crossings)	1
With People[2]	21
(w/people at grade crossings)	3
(attempted suicides)[3]	12
Total[4]	**43**

FATALITIES

Collisions[1]	Patrons	Employees	Others
	CR	CR	CR
With Other Vehicles	0	0	2
(w/vehicles at grade crossings)	0	0	2
With Objects	0	0	0
(w/objects at grade crossings)	0	0	0
With People[2]	0	0	17
(w/people at grade crossings)	0	0	2
(attempted suicides)	0	0	12
Total[4]	**0**	**0**	**19**

INJURIES

Collisions[1]	Patrons	Employees	Others
	CR	CR	CR
With Other Vehicles	35	0	7
(w/vehicles at grade crossings)	35	0	6
With Objects	0	0	1
(w/objects at grade crossings)	0	0	1
With People[2]	0	0	4
(w/people at grade crossings)	0	0	1
(attempted suicides)	0	0	0
Total[4]	**35**	**0**	**12**

[1] Collisions with vehicles, objects, and people include their respective "at grade crossing" figures.

[2] People figures include suicides.

[3] Incidents of suicide include fatalities, injuries, and unharmed.

[4] Total figures do not include parenthetical items.

Collisions

Automated Guideway, Demand Response, Vanpool

INCIDENTS

Collisions[1]	AG	DR	VP
With Other Vehicles	0	860	129
(w/vehicles at grade crossings)	0	10	0
With Objects	1	119	27
(w/objects at grade crossings)	0	0	1
With People[2]	0	15	1
(w/people at grade crossings)	0	0	0
(attempted suicides)[3]	0	0	0
Total[4]	**1**	**994**	**157**

FATALITIES

Collisions[1]	Patrons			Employees			Others		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
With Other Vehicles	0	1	0	0	0	0	0	3	0
(w/vehicles at grade crossings)	0	0	0	0	0	0	0	0	0
With Objects	0	0	0	0	0	0	0	0	0
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	0	0	0	0	0	0	0	0	0
(w/people at grade crossings)	0	0	0	0	0	0	0	0	0
(attempted suicides)	0	0	0	0	0	0	0	0	0
Total[4]	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**3**	**0**

INJURIES

Collisions[1]	Patrons			Employees			Others		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
With Other Vehicles	0	236	26	0	223	0	0	370	17
(w/vehicles at grade crossings)	0	1	0	0	0	0	0	2	0
With Objects	0	14	5	0	6	0	0	2	0
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	0	2	0	0	1	0	0	13	1
(w/people at grade crossings)	0	0	0	0	0	0	0	0	0
(attempted suicides)	0	0	0	0	0	0	0	0	0
Total[4]	**0**	**252**	**31**	**0**	**230**	**0**	**0**	**385**	**18**

[1] Collisions with vehicles, objects, and people include their respective "at grade crossing" figures.

[2] People figures include suicides.

[3] Incidents of suicide include fatalities, injuries, and unharmed.

[4] Total figures do not include parenthetical items.

Purchased Transportation - Collisions

Demand Response, Publico, Vanpool*

INCIDENTS

Collisions[1]	DR	PB	VP
With Other Vehicles	1,700	933	19
(w/vehicles at grade crossings)	9	0	1
With Objects	327	11	10
(w/objects at grade crossings)	1	0	0
With People[2]	34	27	0
(w/people at grade crossings)	0	0	0
(attempted suicides)[3]	0	0	0
Total[4]	**2,061**	**971**	**29**

FATALITIES

Collisions[1]	Patrons			Employees			Others		
	DR	PB	VP	DR	PB	VP	DR	PB	VP
With Other Vehicles	2	0	0	0	0	0	0	0	1
(w/vehicles at grade crossings)	0	0	0	0	0	0	0	0	0
With Objects	0	0	0	0	0	0	0	0	0
(w/objects at grade crossings)	0	0	0	0	0	0	0	0	0
With People[2]	0	0	0	0	0	0	0	0	0
(w/people at grade crossings)	0	0	0	0	0	0	0	0	0
(attempted suicides)	0	0	0	0	0	0	0	0	0
Total[4]	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

INJURIES

Collisions[1]	Patrons			Employees			Others		
	DR	PB	VP	DR	PB	VP	DR	PB	VP
With Other Vehicles	297	26	15	260	12	0	116	24	1
(w/vehicles at grade crossings)	2	0	0	5	0	0	0	0	0
With Objects	12	1	0	10	2	0	7	0	0
(w/objects at grade crossings)	0	0	0	1	0	0	0	0	0
With People[2]	12	0	0	1	0	0	21	27	0
(w/people at grade crossings)	0	0	0	0	0	0	0	0	0
(attempted suicides)	0	0	0	0	0	0	0	0	0
Total[4]	**321**	**27**	**15**	**271**	**14**	**0**	**144**	**51**	**1**

[1] Collisions with vehicles, objects, and people include their respective "at grade crossing" figures.

[2] People figures include suicides.

[3] Incidents of suicide include fatalities, injuries, and unharmed.

[4] Total figures do not include parenthetical items.

* Monorail (MO), Inclined Plane (IP), and Ferryboat (FB) had no Incidents

Personal Casualties

Bus

INCIDENTS

Personal Casualties	LMB	MMB	SMB
Parking Facility	179	130	27
Inside Vehicle	6,770	2,646	738
On Right of Way	1,807	148	29
Entering/Exiting Vehicle[1]	3,782	1,541	578
(associated with lifts)	141	122	45
In Stations/Stops[2]	446	345	86
(associated with escalators)	2	7	0
(associated with elevators)	2	1	0
Total[3]	**12,984**	**4,810**	**1,458**

FATALITIES

Personal Casualties	Patrons			Employees			Others		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Parking Facility	0	0	0	0	0	0	0	0	0
Inside Vehicle	3	1	0	0	0	0	0	0	0
On Right of Way	0	0	0	0	0	0	0	0	0
Entering/Exiting Vehicle[1]	1	0	2	0	0	0	0	0	0
(associated with lifts)	0	0	2	0	0	0	0	0	0
In Stations/Stops[2]	0	0	0	0	0	0	0	0	0
(associated with escalators)	0	0	0	0	0	0	0	0	0
(associated with elevators)	0	0	0	0	0	0	0	0	0
Total[3]	**4**	**1**	**2**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Personal Casualties	Patrons			Employees			Others		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Parking Facility	5	31	8	174	99	19	0	0	0
Inside Vehicle	5,809	2,498	725	1,789	459	85	4	4	0
On Right of Way	0	32	29	1,801	25	3	13	32	3
Entering/Exiting Vehicle[1]	3,428	1,456	549	410	102	29	7	8	3
(associated with lifts)	129	108	37	23	10	7	0	0	1
In Stations/Stops[2]	230	265	69	187	59	11	58	24	6
(associated with escalators)	2	7	0	0	0	0	0	0	0
(associated with elevators)	2	1	0	0	0	0	0	0	0
Total[3]	**9,472**	**4,282**	**1,380**	**4,361**	**744**	**147**	**82**	**68**	**12**

[1] Enter/Exit figures include lift figures.

[2] Station/Bus Stop figures include escalator and elevator figures.

[3] Total figures do not include the parenthetical items as they are accounted for in the Enter/Exit and Station/Bus Stop figures.

Purchased Transportation - Personal Casualties

Bus

INCIDENTS

Personal Casualties	MMB	SMB
Parking Facility	7	6
Inside Vehicle	123	151
On Right of Way	0	2
Entering/Exiting Vehicle[1]	50	113
(associated with lifts)	4	26
In Stations/Stops[2]	2	17
(associated with escalators)	1	0
(associated with elevators)	0	0
Total[3]	**182**	**289**

FATALITIES

Personal Casualties	Patrons		Employees		Others	
	MMB	SMB	MMB	SMB	MMB	SMB
Parking Facility	0	0	0	0	0	0
Inside Vehicle	0	0	0	0	0	0
On Right of Way	0	0	0	0	0	1
Entering/Exiting Vehicle[1]	0	0	0	0	0	0
(associated with lifts)	0	0	0	0	0	0
In Stations/Stops[2]	0	0	0	0	0	0
(associated with escalators)	0	0	0	0	0	0
(associated with elevators)	0	0	0	0	0	0
Total[3]	**0**	**0**	**0**	**0**	**0**	**1**

INJURIES

Personal Casualties	Patrons		Employees		Others	
	MMB	SMB	MMB	SMB	MMB	SMB
Parking Facility	0	1	10	5	0	0
Inside Vehicle	126	139	30	27	0	1
On Right of Way	0	1	0	0	0	1
Entering/Exiting Vehicle[1]	45	112	5	0	0	1
(associated with lifts)	3	26	1	0	0	0
In Stations/Stops[2]	0	16	1	0	0	1
(associated with escalators)	0	0	1	0	0	0
(associated with elevators)	0	0	0	0	0	0
Total[3]	**171**	**269**	**46**	**32**	**0**	**4**

[1] Enter/Exit figures include lift figures.

[2] Station/Bus Stop figures include escalator and elevator figures.

[3] Total figures do not include the parenthetical items as they are accounted for in the Enter/Exit and Station/Bus Stop figures.

Personal Casualties

Rail

INCIDENTS

Personal Casualties	CR	HR	LR
Parking Facility	28	368	4
Inside Vehicle	379	651	298
On Right of Way	395	1,830	79
Entering/Exiting Vehicle[1]	322	623	227
(associated with lifts)	0	0	3
In Stations/Stops[2]	555	6,610	278
(associated with escalators)	8	1,015	50
(associated with elevators)	0	255	7
Total[3]	**1,679**	**10,082**	**886**

FATALITIES

Personal Casualties	Patrons			Employees			Others		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Parking Facility	0	0	0	0	0	0	0	0	0
Inside Vehicle	0	1	0	0	0	0	0	0	0
On Right of Way	0	13	0	0	0	0	0	0	0
Entering/Exiting Vehicle[1]	1	2	0	0	0	0	0	0	0
(associated with lifts)	0	0	0	0	0	0	0	0	0
In Stations/Stops[2]	0	6	0	0	0	0	1	0	0
(associated with escalators)	0	0	0	0	0	0	1	0	0
(associated with elevators)	0	0	0	0	0	0	0	0	0
Total[3]	**1**	**22**	**0**	**0**	**0**	**0**	**1**	**0**	**0**

INJURIES

Personal Casualties	Patrons			Employees			Others		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Parking Facility	16	69	3	12	294	1	1	5	0
Inside Vehicle	167	550	248	216	123	70	0	0	1
On Right of Way	10	237	2	400	1,690	77	4	2	0
Entering/Exiting Vehicle[1]	272	604	208	61	32	27	0	1	0
(associated with lifts)	0	0	1	0	0	2	0	0	0
In Stations/Stops[2]	286	6,024	254	274	711	25	3	10	5
(associated with escalators)	7	1,066	55	0	17	0	0	0	0
(associated with elevators)	0	305	7	0	11	0	0	0	0
Total[3]	**751**	**7,484**	**715**	**963**	**2,850**	**200**	**8**	**18**	**6**

[1] Enter/Exit figures include lift figures.

[2] Station/Bus Stop figures include escalator and elevator figures.

[3] Total figures do not include the parenthetical items as they are accounted for in the Enter/Exit and Station/Bus Stop figures.

Purchased Transportation - Personal Casualties

Rail

INCIDENTS

Personal Casualties	CR
Parking Facility	2
Inside Vehicle	57
On Right of Way	1
Entering/Exiting Vehicle[1]	31
(associated with lifts)	0
In Stations/Stops[2]	44
(associated with escalators)	0
(associated with elevators)	0
Total[3]	**135**

FATALITIES

Personal Casualties	Patrons	Employees	Others
	CR	CR	CR
Parking Facility	0	0	0
Inside Vehicle	0	0	0
On Right of Way	0	0	0
Entering/Exiting Vehicle[1]	0	0	0
(associated with lifts)	0	0	0
In Stations/Stops[2]	0	0	0
(associated with escalators)	0	0	0
(associated with elevators)	0	0	0
Total[3]	**0**	**0**	**0**

INJURIES

Personal Casualties	Patrons	Employees	Others
	CR	CR	CR
Parking Facility	1	0	0
Inside Vehicle	51	6	0
On Right of Way	0	1	0
Entering/Exiting Vehicle[1]	30	1	0
(associated with lifts)	0	0	0
In Stations/Stops[2]	35	8	1
(associated with escalators)	0	0	0
(associated with elevators)	0	0	0
Total[3]	**117**	**16**	**1**

[1] Enter/Exit figures include lift figures.

[2] Station/Bus Stop figures include escalator and elevator figures.

[3] Total figures do not include the parenthetical items as they are accounted for in the Enter/Exit and Station/Bus Stop figures.

Personal Casualties

Automated Guideway, Demand Response, Vanpool

INCIDENTS

Personal Casualties	AG	DR	VP
Parking Facility	0	29	0
Inside Vehicle	2	408	0
On Right of Way	1	32	0
Entering/Exiting Vehicle[1]	0	306	3
(associated with lifts)	0	50	0
In Stations/Stops[2]	12	70	0
(associated with escalators)	2	0	0
(associated with elevators)	3	0	0
Total[3]	**15**	**845**	**3**

FATALITIES

Personal Casualties	Patrons			Employees			Others		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Parking Facility	0	0	0	0	0	0	0	0	0
Inside Vehicle	0	3	0	0	0	0	0	0	0
On Right of Way	0	0	0	0	0	0	0	0	0
Entering/Exiting Vehicle[1]	0	1	0	0	0	0	0	0	0
(associated with lifts)	0	1	0	0	0	0	0	0	0
In Stations/Stops[2]	0	0	0	0	0	0	0	0	0
(associated with escalators)	0	0	0	0	0	0	0	0	0
(associated with elevators)	0	0	0	0	0	0	0	0	0
Total[3]	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Personal Casualties	Patrons			Employees			Others		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Parking Facility	0	2	0	0	27	0	0	0	0
Inside Vehicle	2	331	0	0	87	0	0	2	0
On Right of Way	0	12	0	1	13	0	0	9	0
Entering/Exiting Vehicle[1]	0	268	3	0	36	0	0	8	0
(associated with lifts)	0	38	0	0	15	0	0	0	0
In Stations/Stops[2]	10	52	0	0	17	0	2	1	0
(associated with escalators)	1	0	0	0	0	0	1	0	0
(associated with elevators)	2	0	0	0	0	0	1	0	0
Total[3]	**12**	**665**	**3**	**1**	**180**	**0**	**2**	**20**	**0**

[1] Enter/Exit figures include lift figures.

[2] Station/Bus Stop figures include escalator and elevator figures.

[3] Total figures do not include the parenthetical items as they are accounted for in the Enter/Exit and Station/Bus Stop figures.

Purchased Transportation - Personal Casualties

Demand Response, Publico, Vanpool*

INCIDENTS

Personal Casualties	DR	PB	VP
Parking Facility	36	0	0
Inside Vehicle	269	0	1
On Right of Way	7	0	0
Entering/Exiting Vehicle[1]	300	3	1
(associated with lifts)	64	0	0
In Stations/Stops[2]	2	0	0
(associated with escalators)	0	0	0
(associated with elevators)	0	0	0
Total[3]	**614**	**3**	**2**

FATALITIES

Personal Casualties	Patrons			Employees			Others		
	DR	PB	VP	DR	PB	VP	DR	PB	VP
Parking Facility	0	0	0	0	0	0	0	0	0
Inside Vehicle	3	0	0	0	0	0	0	0	0
On Right of Way	1	0	0	0	0	0	0	0	0
Entering/Exiting Vehicle[1]	3	0	0	0	0	0	0	0	0
(associated with lifts)	1	0	0	0	0	0	0	0	0
In Stations/Stops[2]	0	0	0	0	0	0	0	0	0
(associated with escalators)	0	0	0	0	0	0	0	0	0
(associated with elevators)	0	0	0	0	0	0	0	0	0
Total[3]	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Personal Casualties	Patrons			Employees			Others		
	DR	PB	VP	DR	PB	VP	DR	PB	VP
Parking Facility	19	0	0	17	0	0	0	0	0
Inside Vehicle	250	0	1	16	0	0	2	0	0
On Right of Way	6	0	0	0	0	0	0	0	0
Entering/Exiting Vehicle[1]	278	1	1	23	2	0	0	0	0
(associated with lifts)	59	0	0	6	0	0	0	0	0
In Stations/Stops[2]	0	0	0	2	0	0	0	0	0
(associated with escalators)	0	0	0	0	0	0	0	0	0
(associated with elevators)	0	0	0	0	0	0	0	0	0
Total[3]	**553**	**1**	**2**	**58**	**2**	**0**	**2**	**0**	**0**

[1] Enter/Exit figures include lift figures.

[2] Station/Bus Stop figures include escalator and elevator figures.

[3] Total figures do not include the parenthetical items as they are accounted for in the Enter/Exit and Station/Bus Stop figures.

* Monorail (MO), Inclined Plane (IP) and Ferryboat (FB) had no incidents

Fires

Bus

INCIDENTS

Fires	LMB	MMB	SMB
In Vehicles	189	73	14
In Station	3	3	2
Right of Way and Others	10	1	1
Total	**202**	**77**	**17**

FATALITIES

Fires	Patrons			Employees			Others		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
In Vehicles	0	0	0	0	0	0	0	0	0
In Stations	0	0	0	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Fires	Patrons			Employees			Others		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
In Vehicles	32	1	0	8	2	0	0	0	0
In Stations	0	2	0	0	0	0	0	0	0
Right of Way and Others	0	0	0	2	0	0	0	0	0
Total	**32**	**3**	**0**	**10**	**2**	**0**	**0**	**0**	**0**

Purchased Transportation - Fires

Bus

INCIDENTS

Fires	MMB	SMB
In Vehicles	5	10
In Station	0	1
Right of Way and Others	0	0
Total	**5**	**11**

FATALITIES

Fires	Patrons		Employees		Others	
	MMB	SMB	MMB	SMB	MMB	SMB
In Vehicles	0	0	0	0	0	0
In Stations	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Fires	Patrons		Employees		Others	
	MMB	SMB	MMB	SMB	MMB	SMB
In Vehicles	0	0	0	0	0	0
In Stations	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**

Fires

Rail

INCIDENTS

Fires	CR	HR	LR
In Vehicles	66	411	6
In Station	1	796	23
Right of Way and Others	51	1071	38
Total	**118**	**2278**	**67**

FATALITIES

Fires	Patrons			Employees			Others		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
In Vehicles	0	0	0	0	0	0	0	0	0
In Stations	0	0	0	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Fires	Patrons			Employees			Others		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
In Vehicles	7	3	1	1	8	0	0	0	0
In Stations	0	3	0	0	15	0	0	0	0
Right of Way and Others	0	2	0	0	18	0	0	0	0
Total	**7**	**8**	**1**	**1**	**41**	**0**	**0**	**0**	**0**

Purchased Transportation - Fires

Rail

INCIDENTS

Fires	CR
In Vehicles	0
In Station	1
Right of Way and Others	0
Total	**1**

FATALITIES

Fires	Patrons	Employees	Others
	CR	CR	CR
In Vehicles	0	0	0
In Stations	0	0	0
Right of Way and Others	0	0	0
Total	**0**	**0**	**0**

INJURIES

Fires	Patrons	Employees	Others
	CR	CR	CR
In Vehicles	0	0	0
In Stations	0	0	0
Right of Way and Others	0	0	0
Total	**0**	**0**	**0**

Fires

Automated Guideway, Demand Response, Vanpool

INCIDENTS

Fires	AG	DR	VP
In Vehicles	0	27	0
In Station	1	0	0
Right of Way and Others	0	2	0
Total	**1**	**29**	**0**

FATALITIES

Fires	Patrons			Employees			Others		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
In Vehicles	0	0	0	0	0	0	0	0	0
In Stations	0	0	0	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Fires	Patrons			Employees			Others		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
In Vehicles	0	1	0	0	1	0	0	0	0
In Stations	0	0	0	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0	0	0	0
Total	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**

Purchased Transportation - Fires

Demand Response, Ferryboat, Vanpool*

INCIDENTS

Fires	DR	FB	VP
In Vehicles	17	0	1
In Station	0	0	0
Right of Way and Others	0	0	0
Total	**17**	**0**	**1**

FATALITIES

Fires	Patrons			Employees			Others		
	DR	FB	VP	DR	FB	VP	DR	FB	VP
In Vehicles	1	0	0	0	0	0	0	0	0
In Stations	0	0	0	0	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

INJURIES

Fires	Patrons			Employees			Others		
	DR	FB	VP	DR	FB	VP	DR	FB	VP
In Vehicles	2	0	0	0	0	0	0	0	0
In Stations	0	0	0	1	0	0	0	0	0
Right of Way and Others	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**

* Inclined Plane (IP), Monorail (MO), and Publico (PB) had no incidents

Derailments/Buses Left Roadway

Mode	INCIDENTS	FATALITIES			INJURIES		
		Patrons	Employees	Others	Patrons	Employees	Others
LMB	40	0	0	0	21	2	23
MMB	11	0	1	0	3	2	0
SMB	7	0	0	0	0	2	0
DR	3	0	0	0	1	1	0
CR	50	0	0	0	0	3	0
HR	28	0	0	0	121	8	0
LR	24	0	0	0	52	1	3
AG	0	0	0	0	0	0	0
VP	0	0	0	0	0	0	0
Total	**163**	**0**	**1**	**0**	**198**	**19**	**26**

Derailments/Buses Left Roadway - Purchased Transportation

Mode	INCIDENTS	FATALITIES			INJURIES		
		Patrons	Employees	Others	Patrons	Employees	Others
MMB	9	0	0	0	51	9	0
SMB	2	0	0	0	2	0	0
DR	4	0	0	0	5	2	2
CR	3	0	0	0	1	0	0
PB	0	0	0	0	0	0	0
MO	0	0	0	0	0	0	0
IP	0	0	0	0	0	0	0
FB	0	0	0	0	0	0	0
VP	0	0	0	0	0	0	0
Total	**18**	**0**	**0**	**0**	**59**	**11**	**2**

Total[1] of Incidents, Fatalities, and Injuries

Mode	INCIDENTS	FATALITIES			INJURIES		
		Patrons	Employees	Others	Patrons	Employees	Others
LMB	29,179	10	1	43	17,841	6,147	5,128
MMB	9,198	3	3	19	6,791	1,284	929
SMB	3,300	2	1	8	2,261	332	212
DR	1,871	5	0	3	919	412	405
CR	2,072	1	0	86	770	969	44
HR	12,782	72	1	7	7,731	3,079	38
LR	1,319	6	0	24	925	262	151
AG	17	0	0	0	12	1	2
VP	160	0	0	0	34	0	18
Total	**59,898**	**99**	**6**	**190**	**37,284**	**12,486**	**6,927**

Total[1] of Incidents, Fatalities, and Injuries - Purchased Transportation

Mode	INCIDENTS	FATALITIES			INJURIES		
		Patrons	Employees	Others	Patrons	Employees	Others
MMB	685	0	0	2	331	87	27
SMB	1048	4	0	6	579	86	100
DR	2694	9	0	0	881	332	148
CR	182	6	0	19	153	17	13
PB	974	0	0	0	28	16	51
MO	0	0	0	0	0	0	0
IP	0	0	0	0	0	0	0
FB	5	0	0	0	2	0	0
VP	31	0	0	1	17	0	1
Total	**5619**	**19**	**0**	**28**	**1991**	**538**	**340**

[1] These are the totals of Collisions, Derailments, Personal Casualties, and Fires

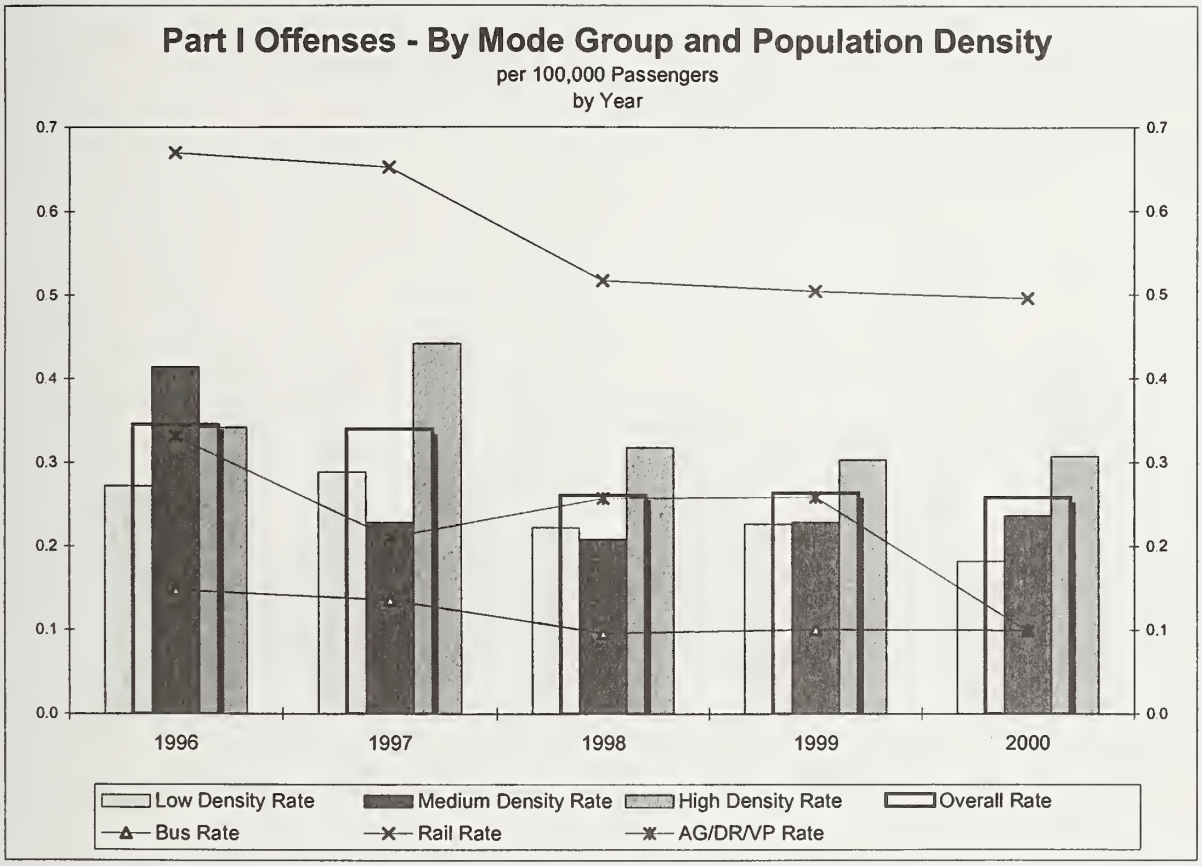
Operating Statistics and Property Damage

Mode	Property Damage	Passengers	Passenger Miles	Vehicle Miles
LMB	$29,710,967	3,478,188,182	11,023,088,167	1,045,200,595
MMB	$7,711,961	1,070,556,008	5,047,355,608	566,930,847
SMB	$3,897,057	410,739,060	1,692,508,083	256,174,269
DR	$2,211,414	24,406,758	212,447,196	179,060,329
CR	$6,858,009	388,476,149	8,776,264,544	253,448,787
HR	$5,033,526	2,632,186,685	13,843,512,075	595,242,992
LR	$3,021,849	315,992,183	1,338,782,177	51,984,347
AG	$33,769	6,279,183	6,424,788	1,623,174
VP	$442,495	9,928,679	333,626,643	52,101,539
Total	**$58,921,047**	**8,336,752,887**	**42,274,009,281**	**3,001,766,879**

Operating Statistics and Property Damage - Purchased Transportation

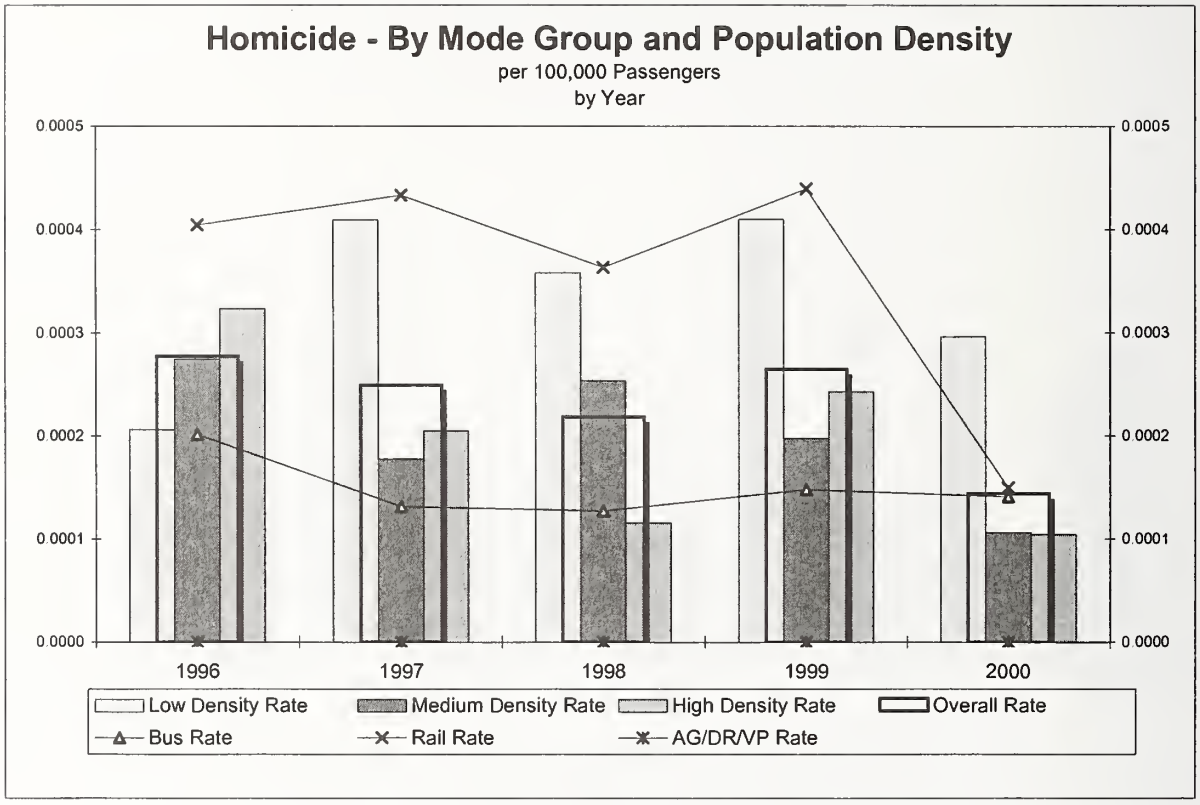
Mode	Property Damage	Passengers	Passenger Miles	Vehicle Miles
MMB	$892,746	81,796,507	489,143,670	72,926,302
SMB	$1,608,012	112,331,752	679,184,177	103,760,504
DR	$4,698,582	48,098,457	370,592,698	347,553,622
CR	$1,188,760	22,868,856	571,634,298	16,229,384
PB	$0	44,191,006	205,315,536	31,341,541
MO	$0	2,463,597	2,217,237	210,792
IP	$0	411,332	61,778	19,492
FB	$458,500	5,692,270	40,378,806	688,990
VP	$120,873	1,774,325	72,258,136	10,715,047
Total	**$8,967,473**	**319,628,102**	**2,430,786,336**	**583,445,674**

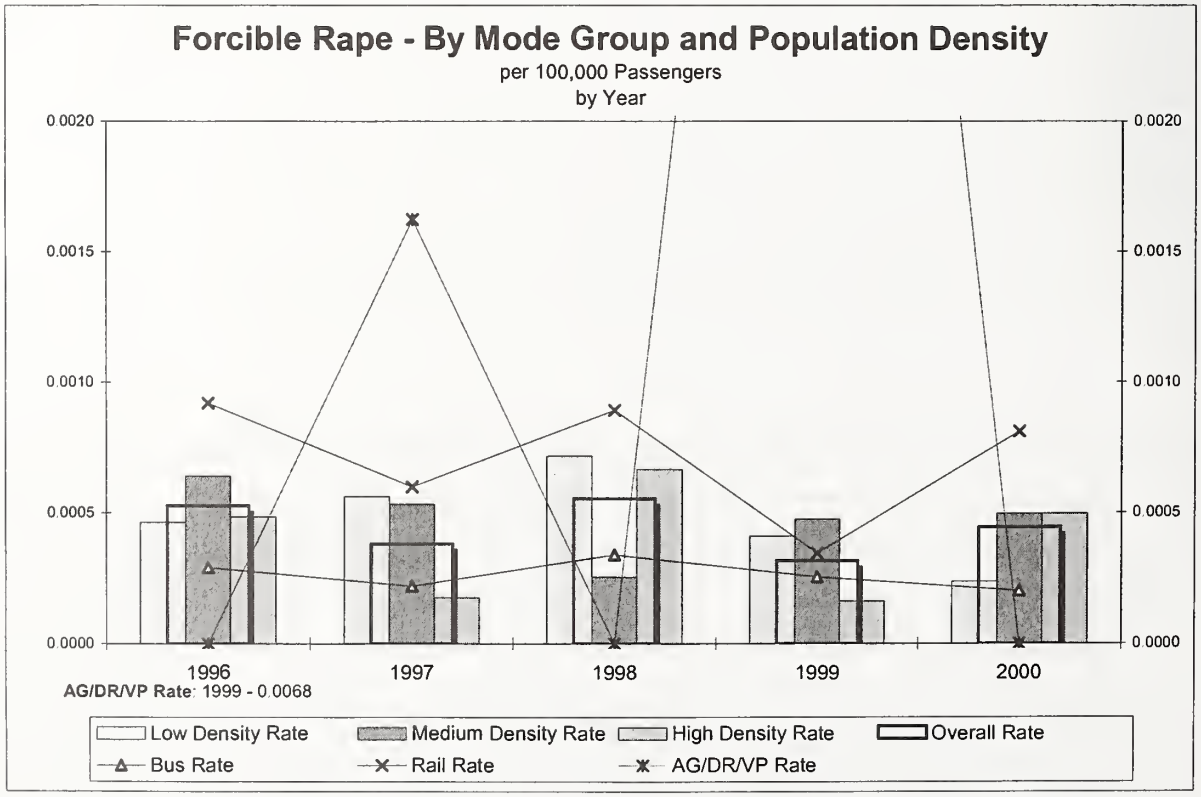
Transit Security Trends
1996 through 2000

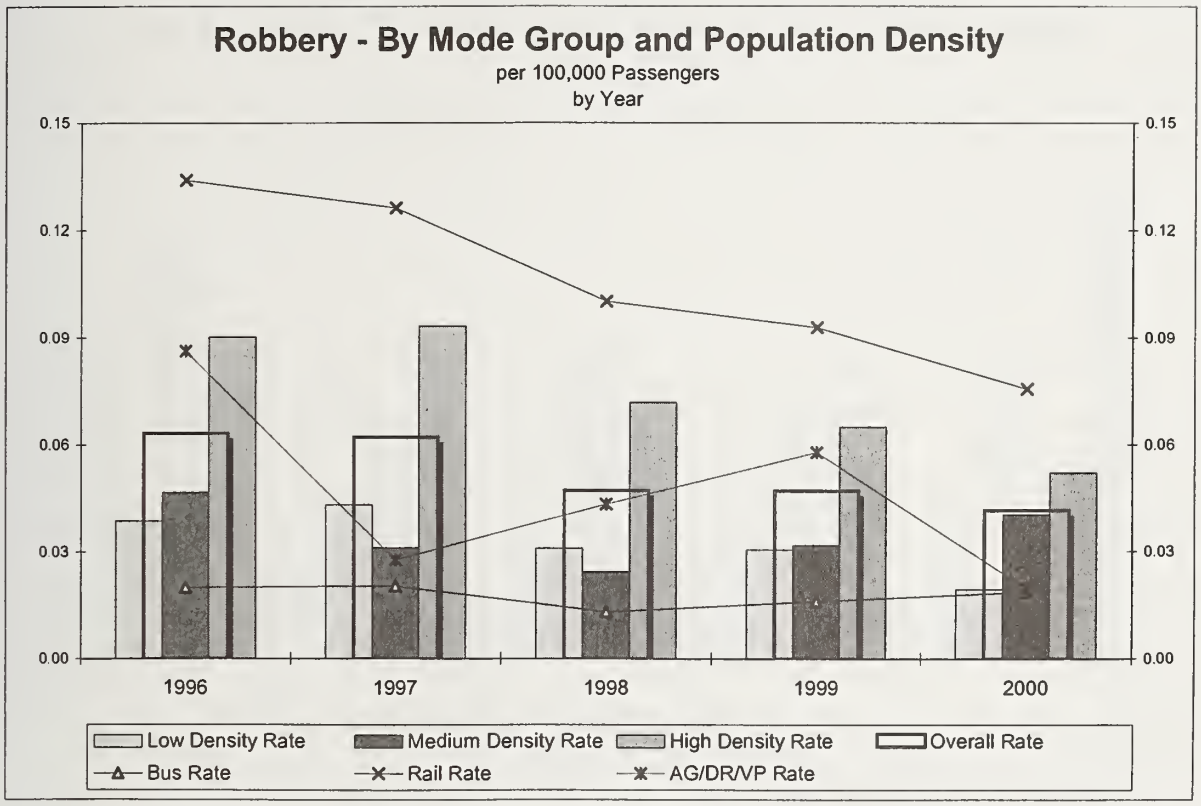


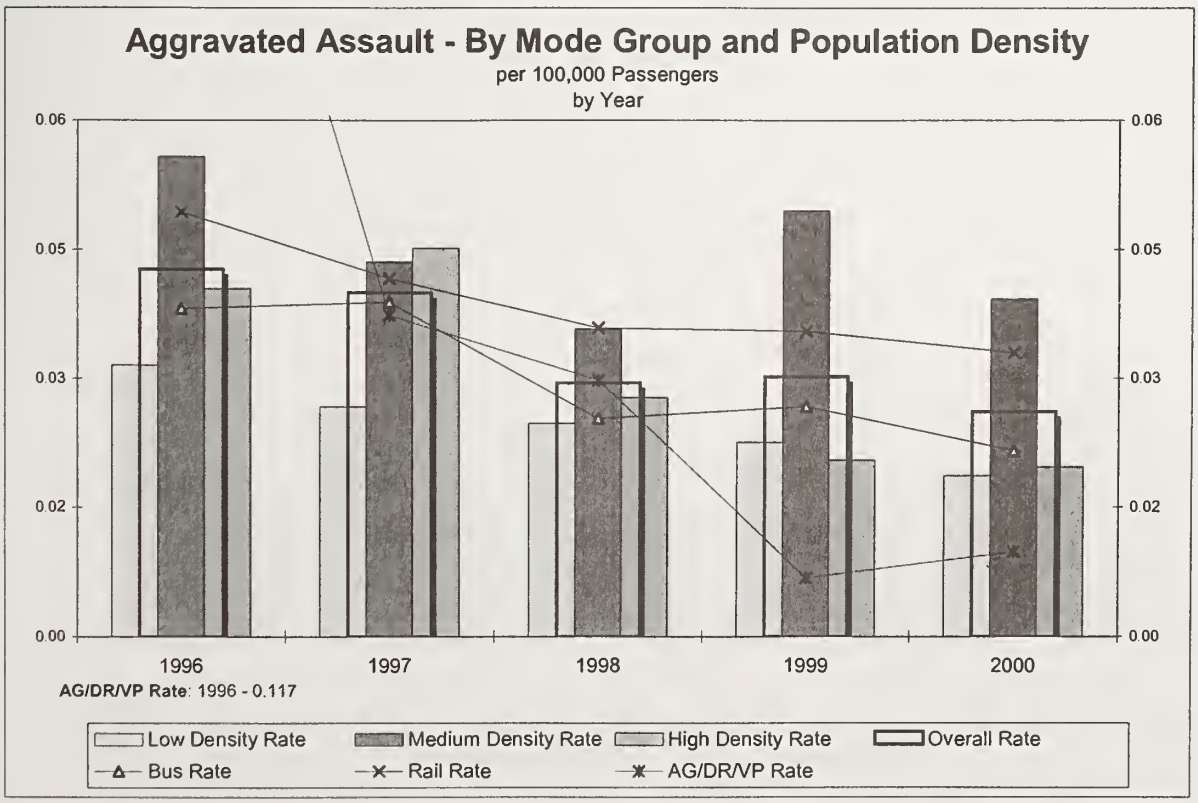
This chart displays the transit-related crime rate for Part I (Reports) Offenses. There are two sets of indicators: population density (colored bars) and mode group (lines). The overall rate is represented by the clear bars. The chart is useful in exposing the overall trend and a variety of factors that are influencing the trend.

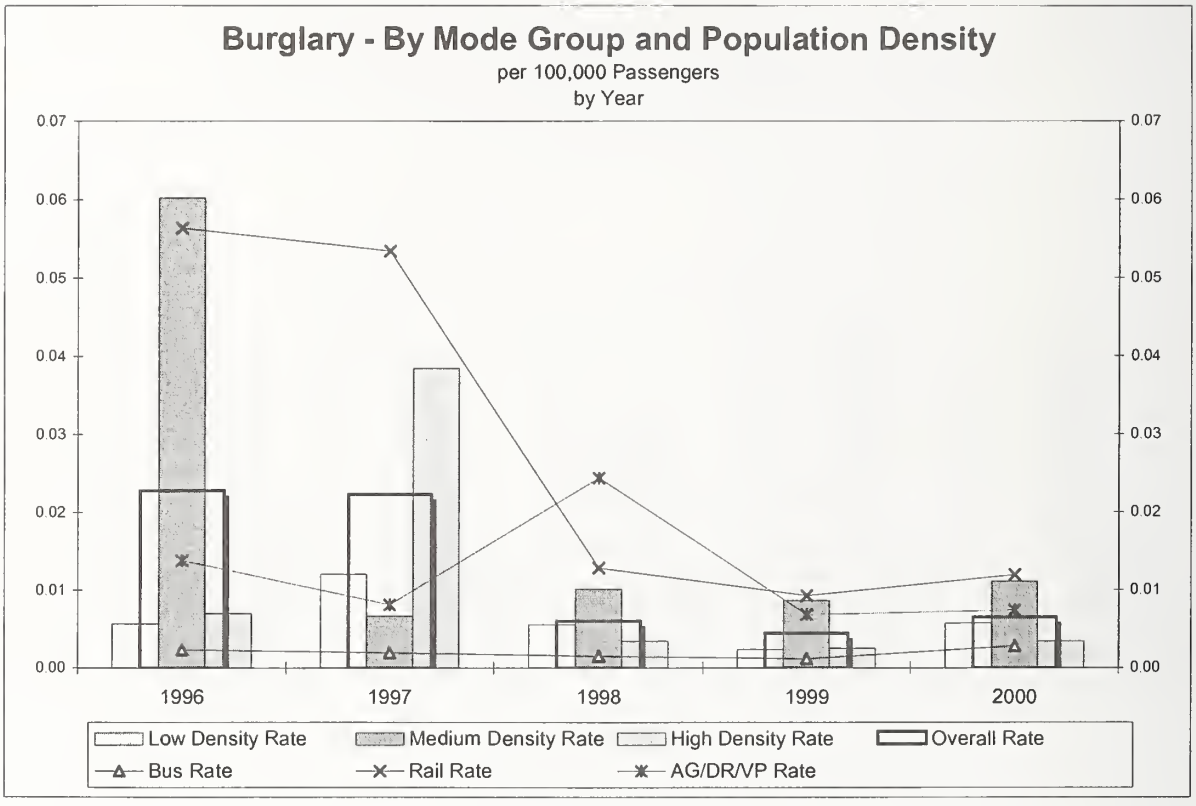
The charts that follow display the specific Part I Offense trends. Taken separately they provide insight into the factors that influenced the cumulative overall, density, and mode group trends seen above.

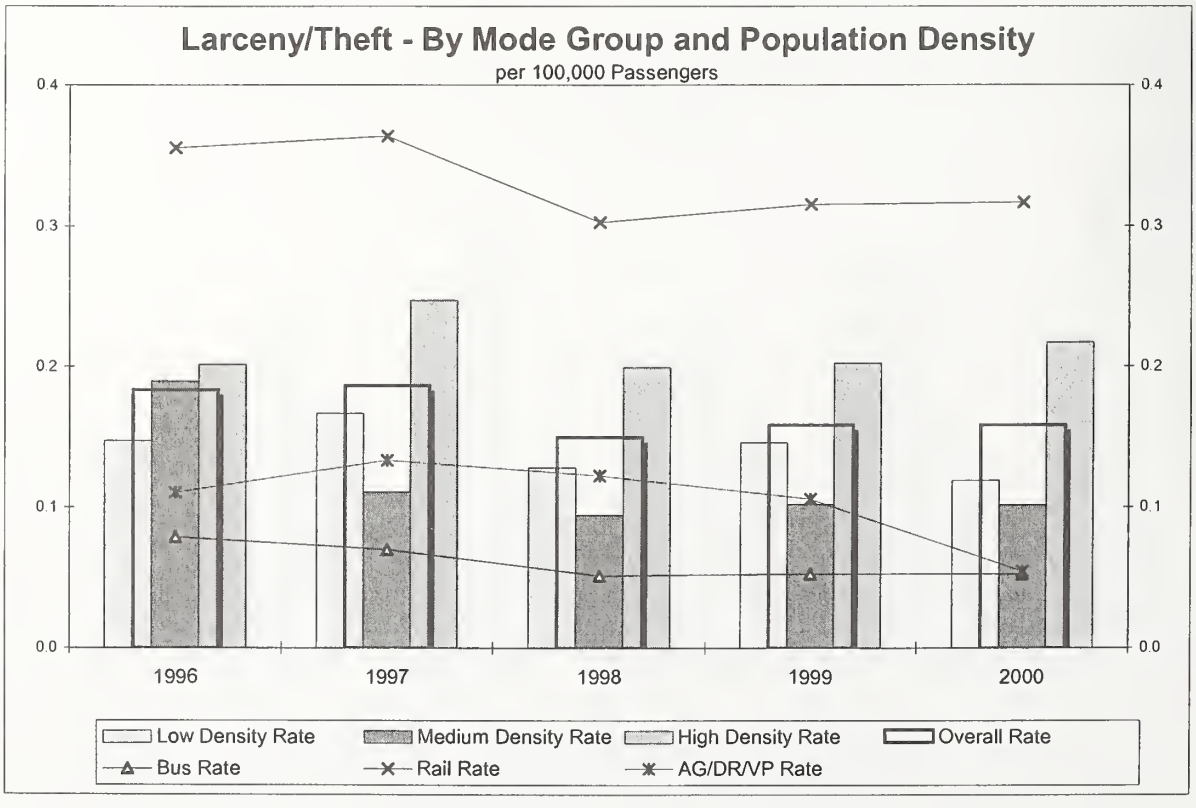

Homicide - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.0005
0.0004
0.0003
0.0002
0.0001
0.0000
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

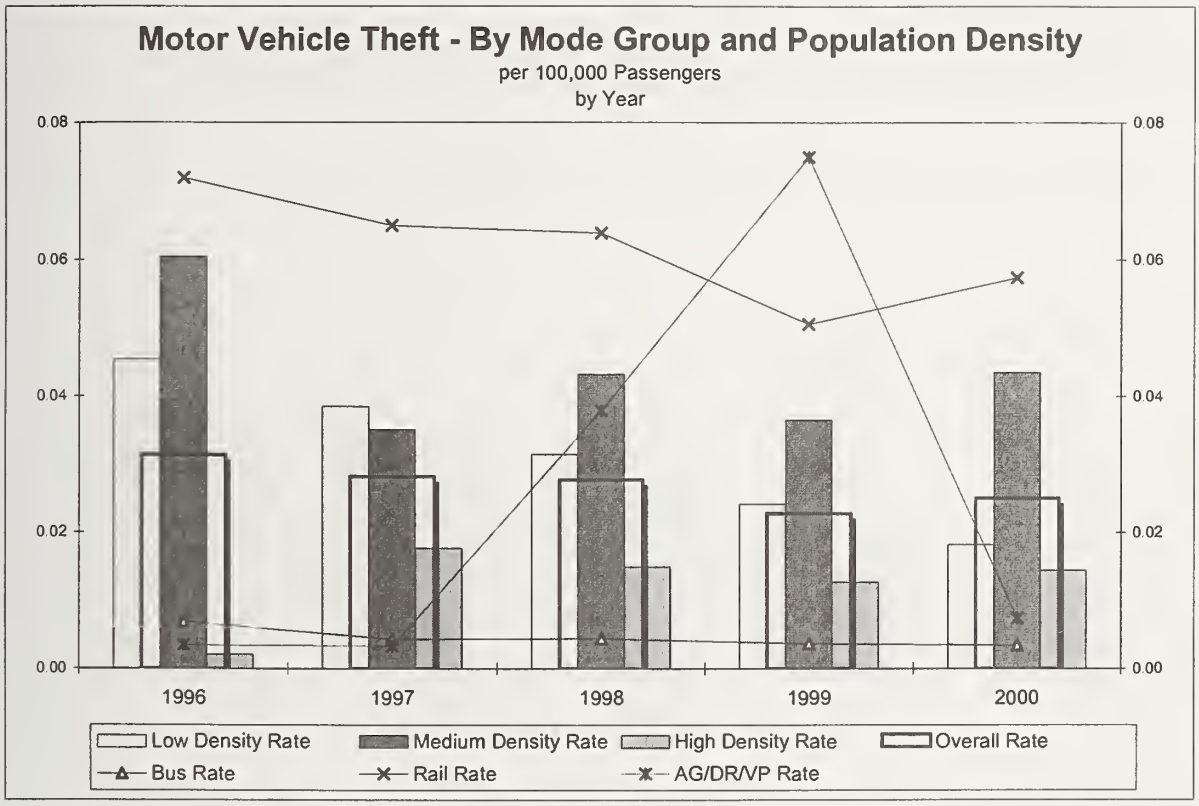

Forcible Rape - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.0020
0.0015
0.0010
0.0005
0.0000
1996
1997
1998
1999
2000
AG/DR/VP Rate: 1999 - 0.0068
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

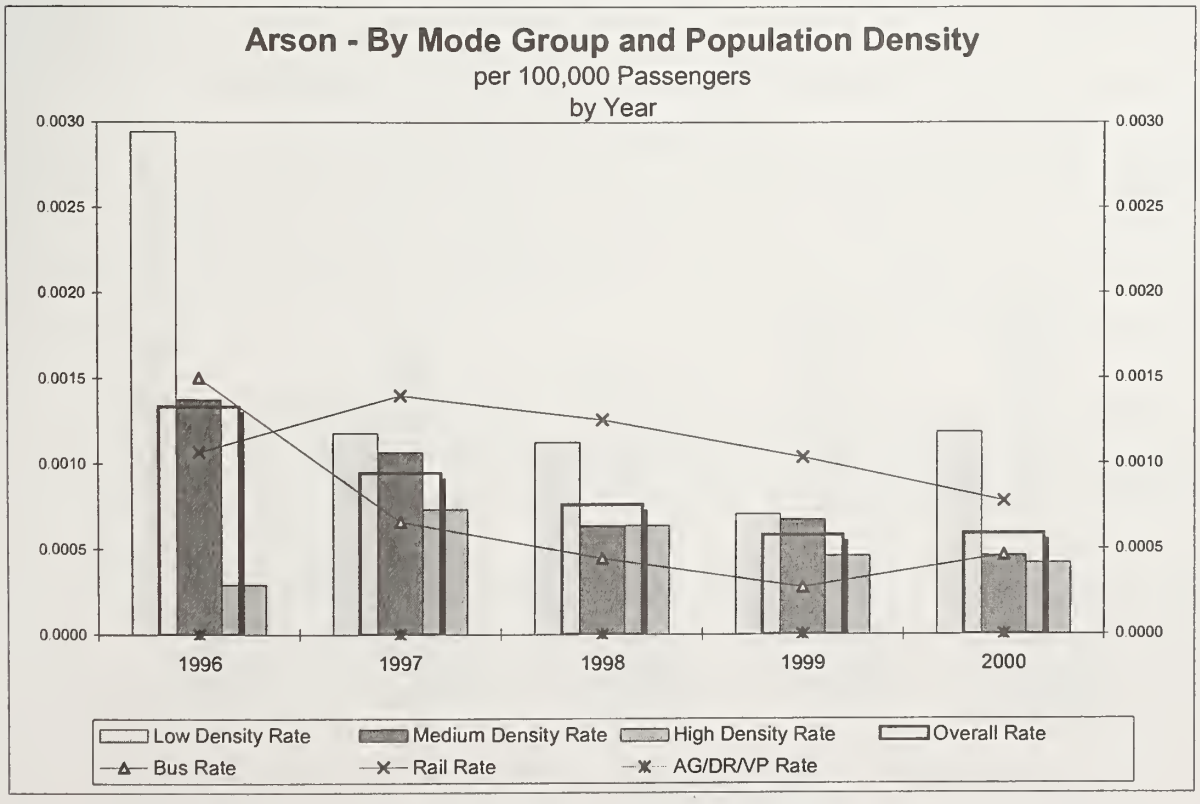

Robbery - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.15
0.12
0.09
0.06
0.03
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

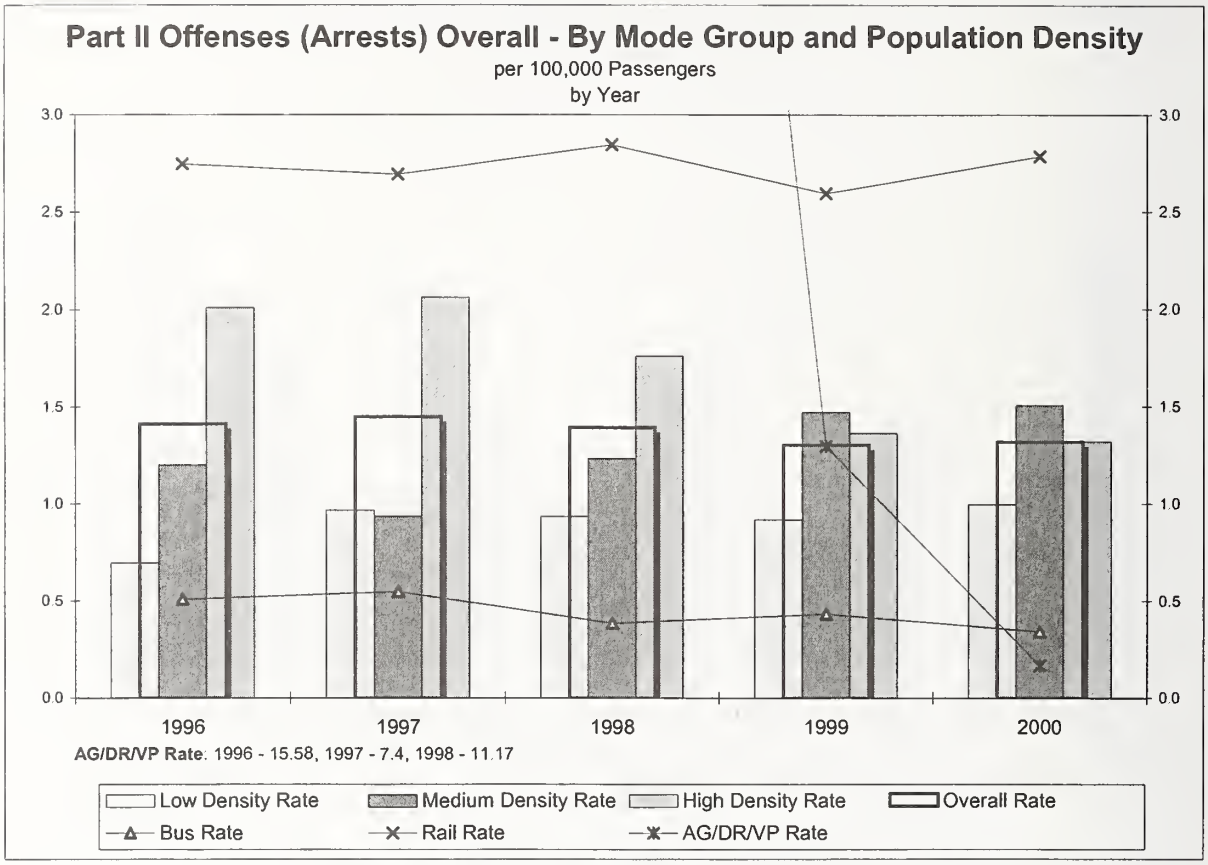

Aggravated Assault - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.06
0.05
0.03
0.02
0.00
1996
1997
1998
1999
2000
AG/DR/VP Rate: 1996 - 0.117
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Burglary - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Larceny/Theft - By Mode Group and Population Density
per 100,000 Passengers
0.4
0.3
0.2
0.1
0.0
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Motor Vehicle Theft - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.08
0.06
0.04
0.02
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

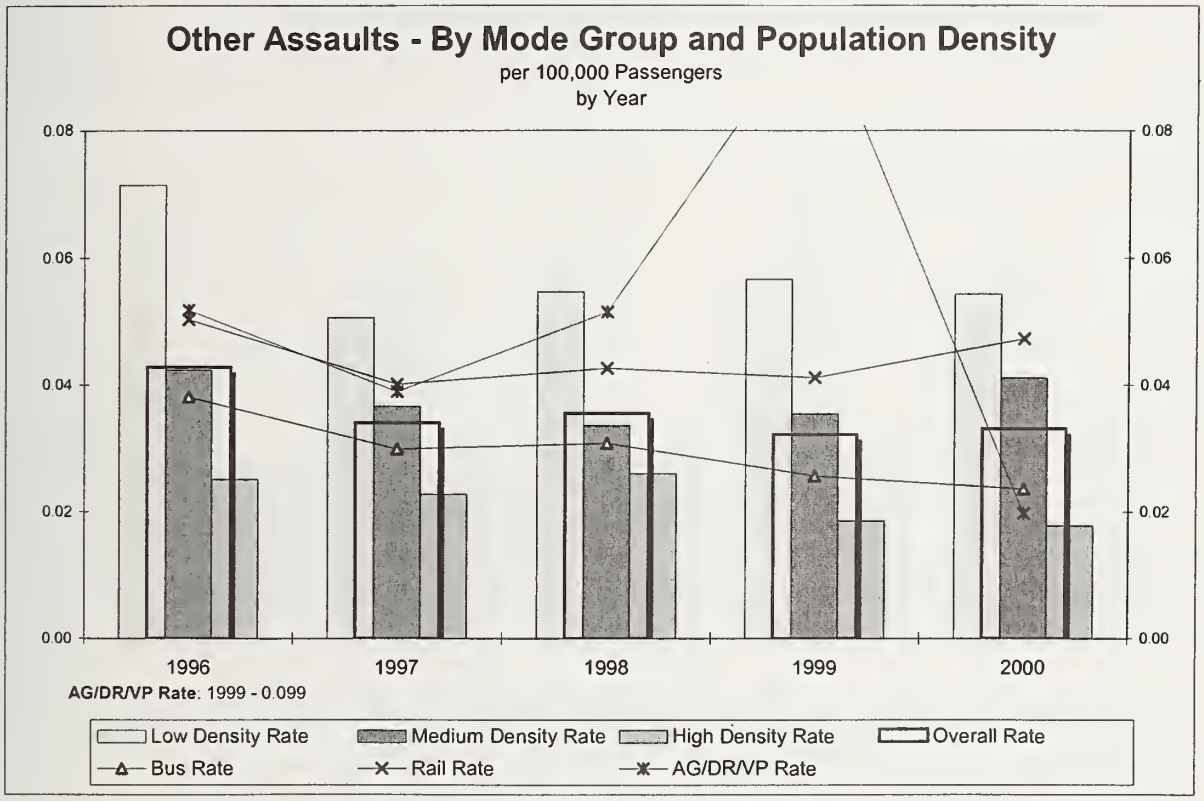

Arson - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

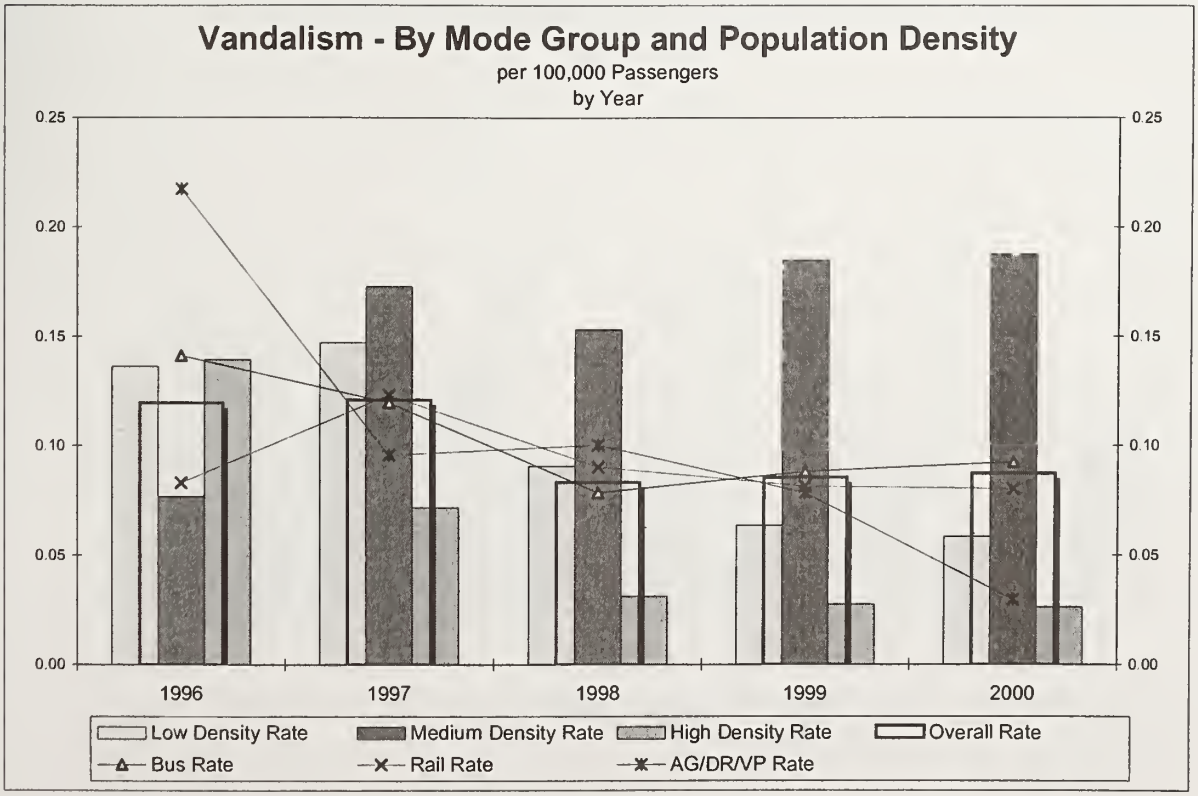


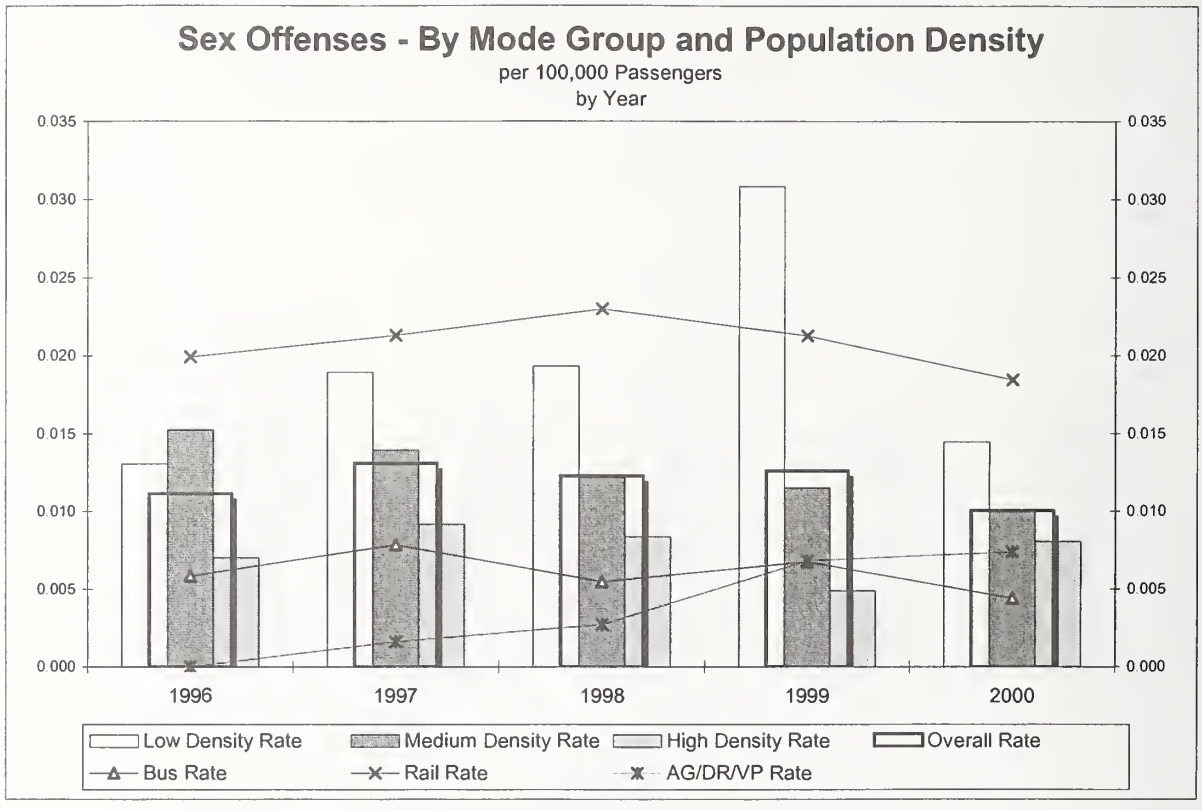
This chart displays the transit-related crime rate for arrests for Part II Offenses. There are two sets of indicators: population density (colored bars) and mode group (lines). The overall rate is represented by the clear bars. The chart is useful in exposing the overall trend and a variety of factors that are influencing the trend.

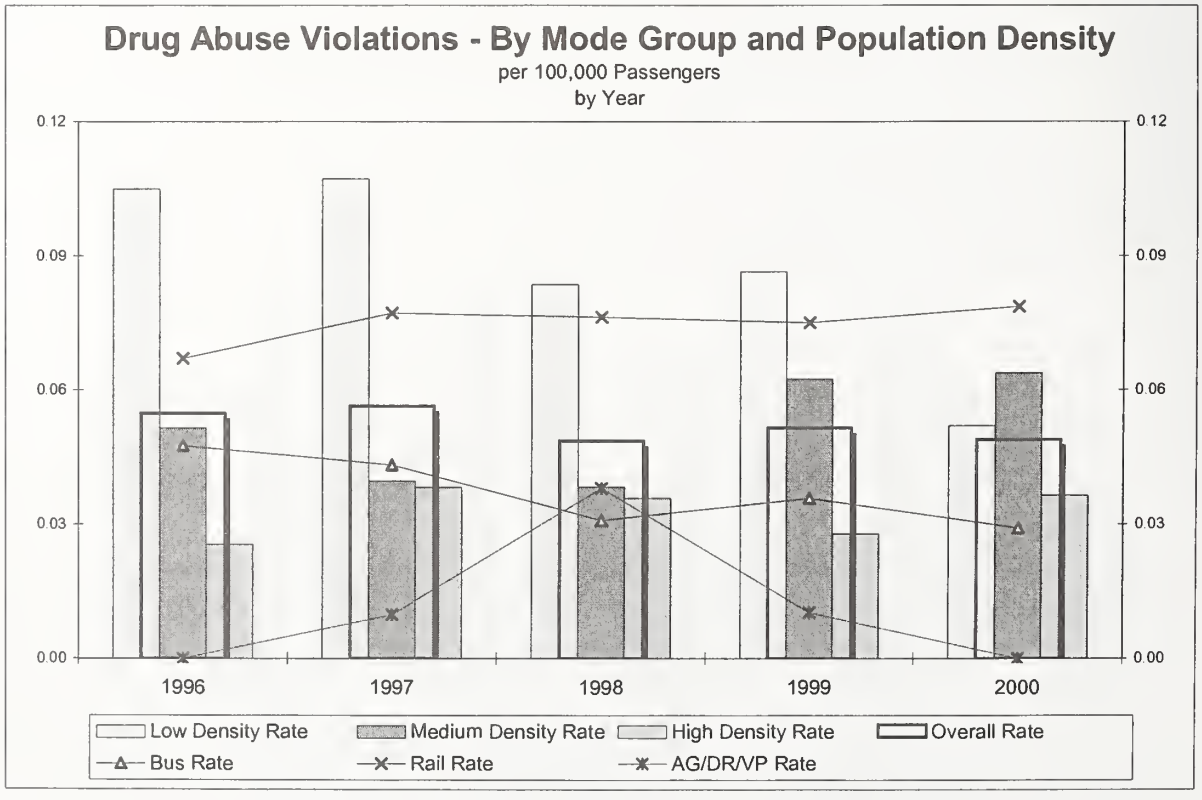
The charts that follow display the specific Part II Offense trends. Taken separately they provide insight into the factors that influenced the cumulative overall, density, and mode group trends seen above.

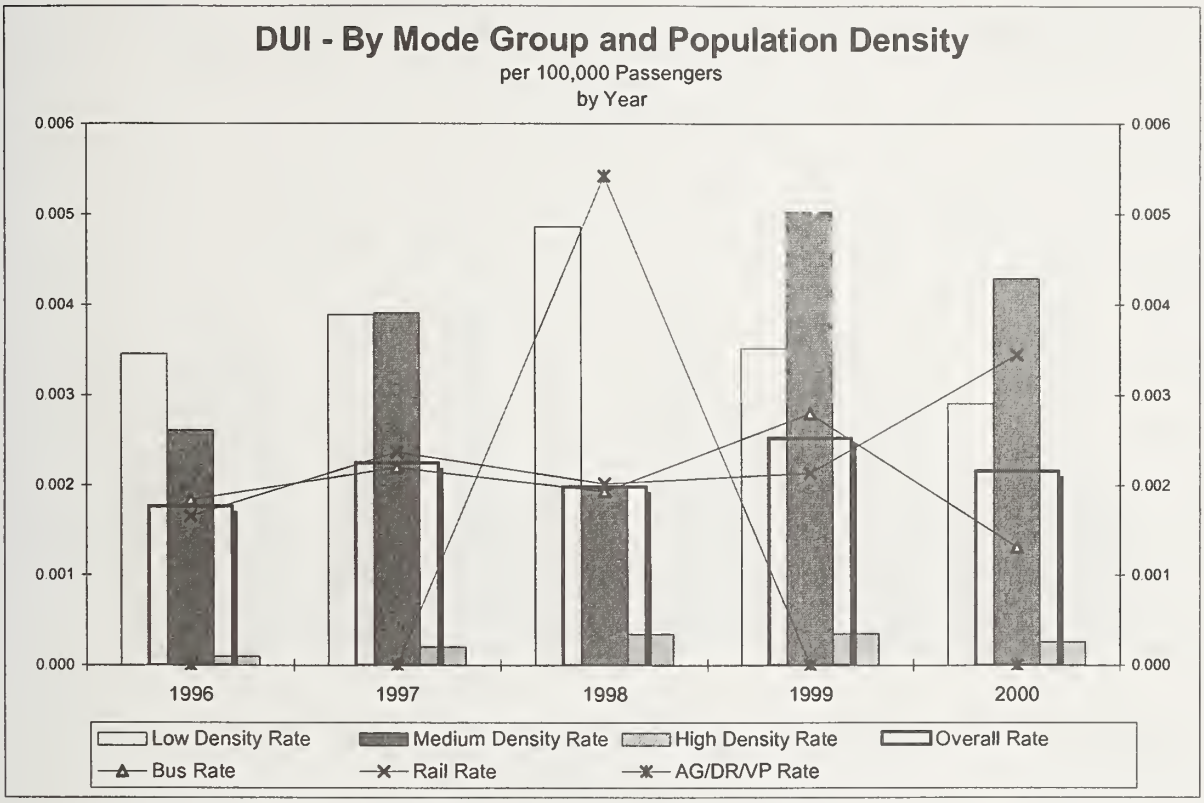
At times the AG/DR/VP rate was significantly higher than any other factor and obscured the other trends. Thus, it was omitted from those particular charts and noted in text at the bottom of each.

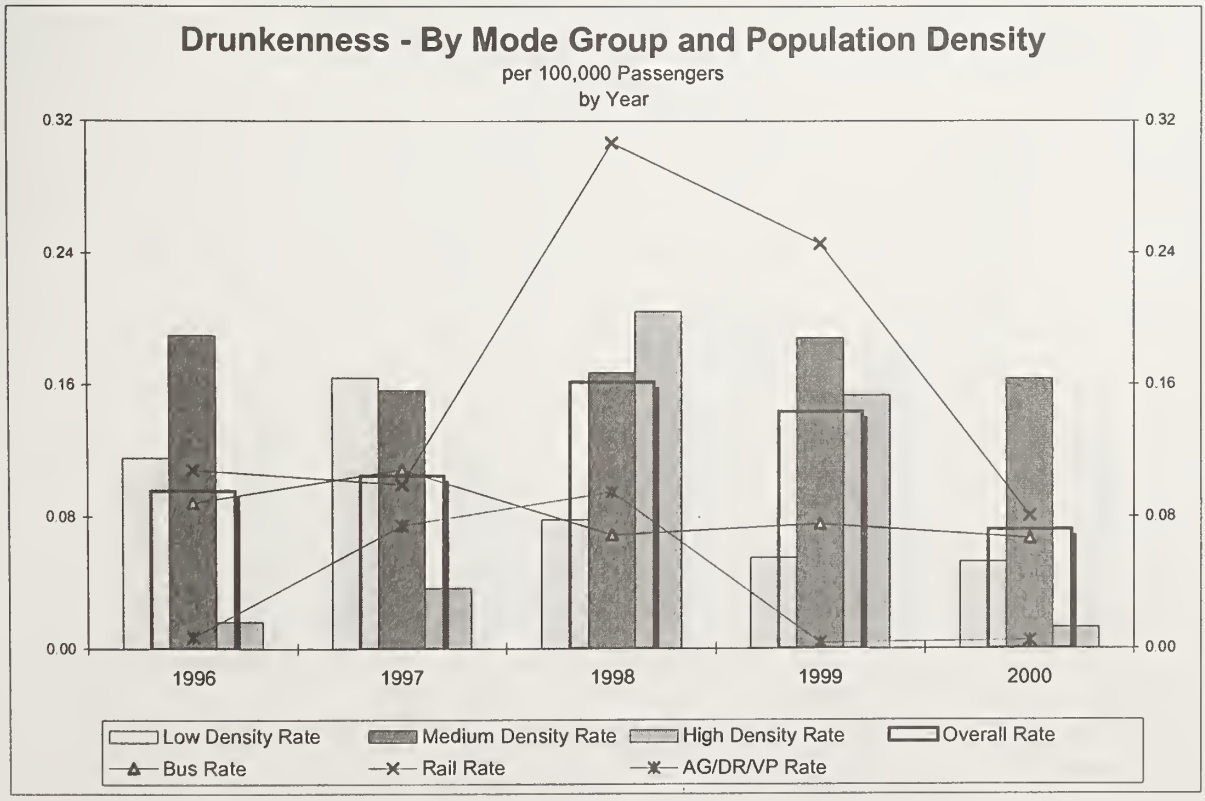

Other Assaults - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.08
0.06
0.04
0.02
0.00
1996
1997
1998
1999
2000
AG/DR/VP Rate: 1999 - 0.099
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

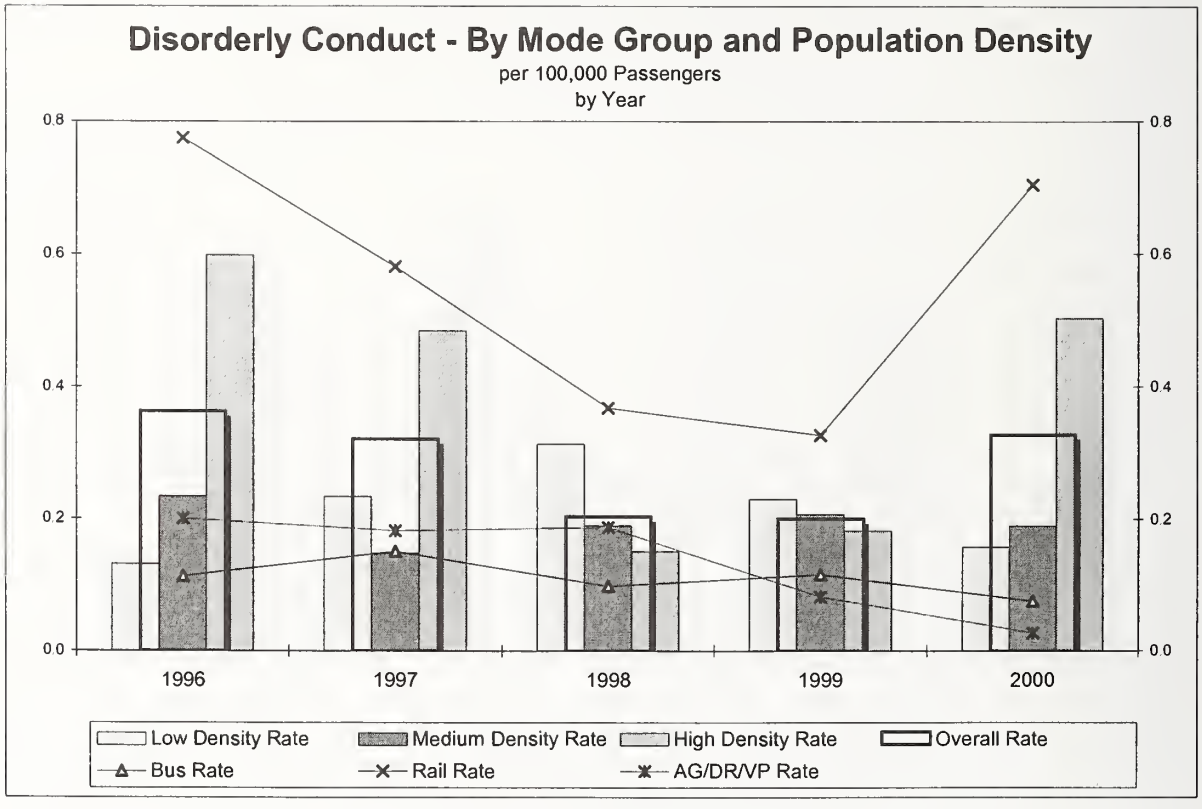

Vandalism - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.25
0.20
0.15
0.10
0.05
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

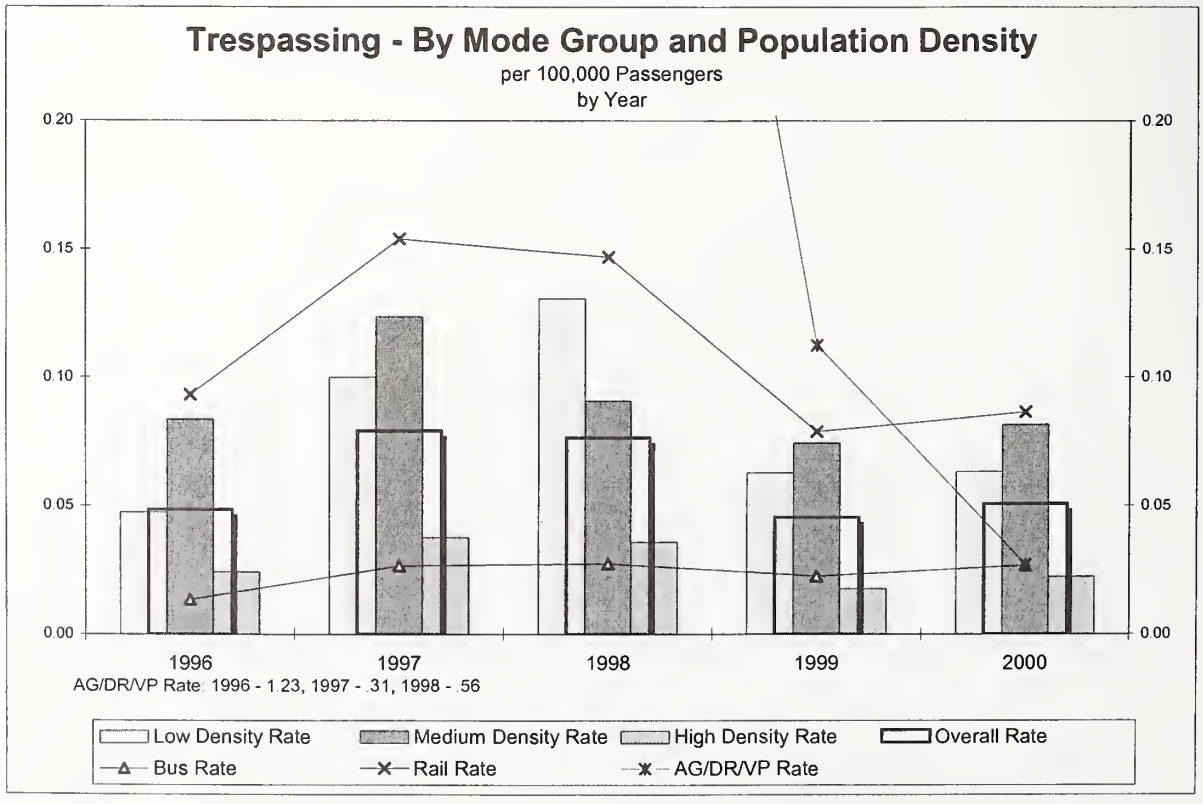

Sex Offenses - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

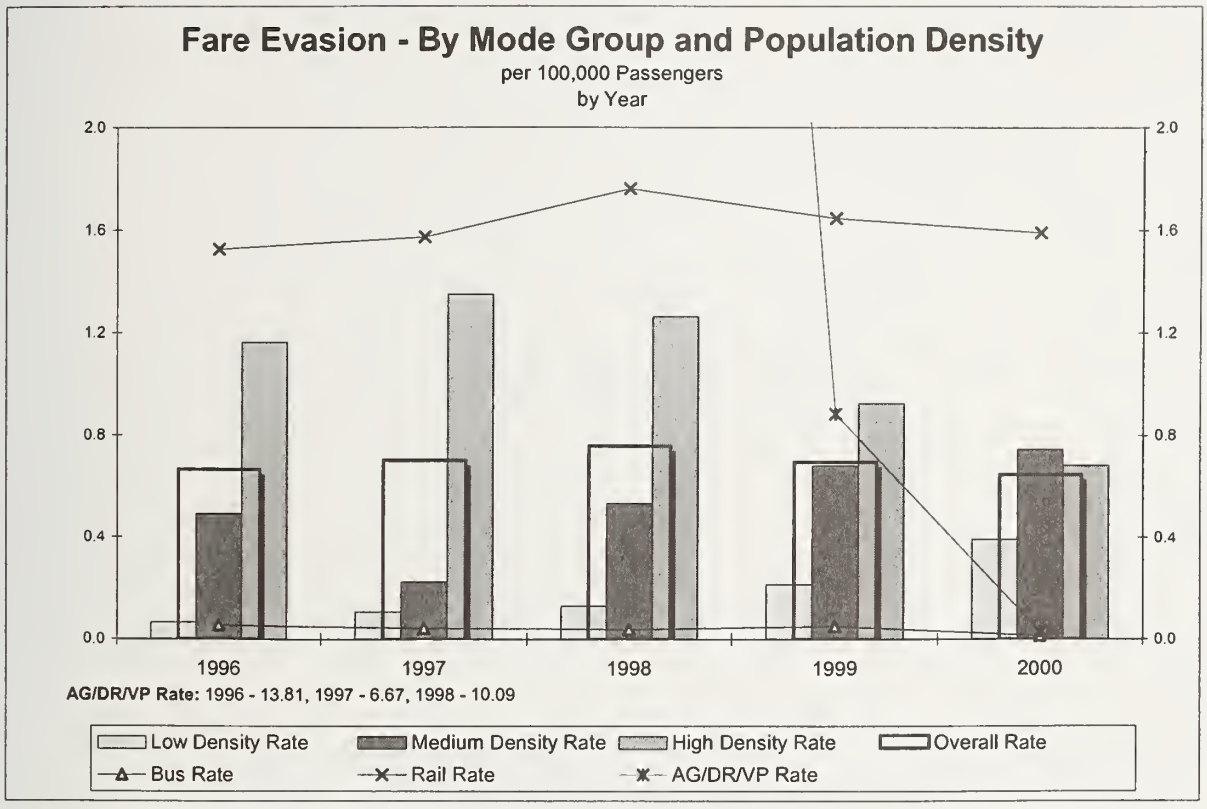

Drug Abuse Violations - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.12
0.09
0.06
0.03
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

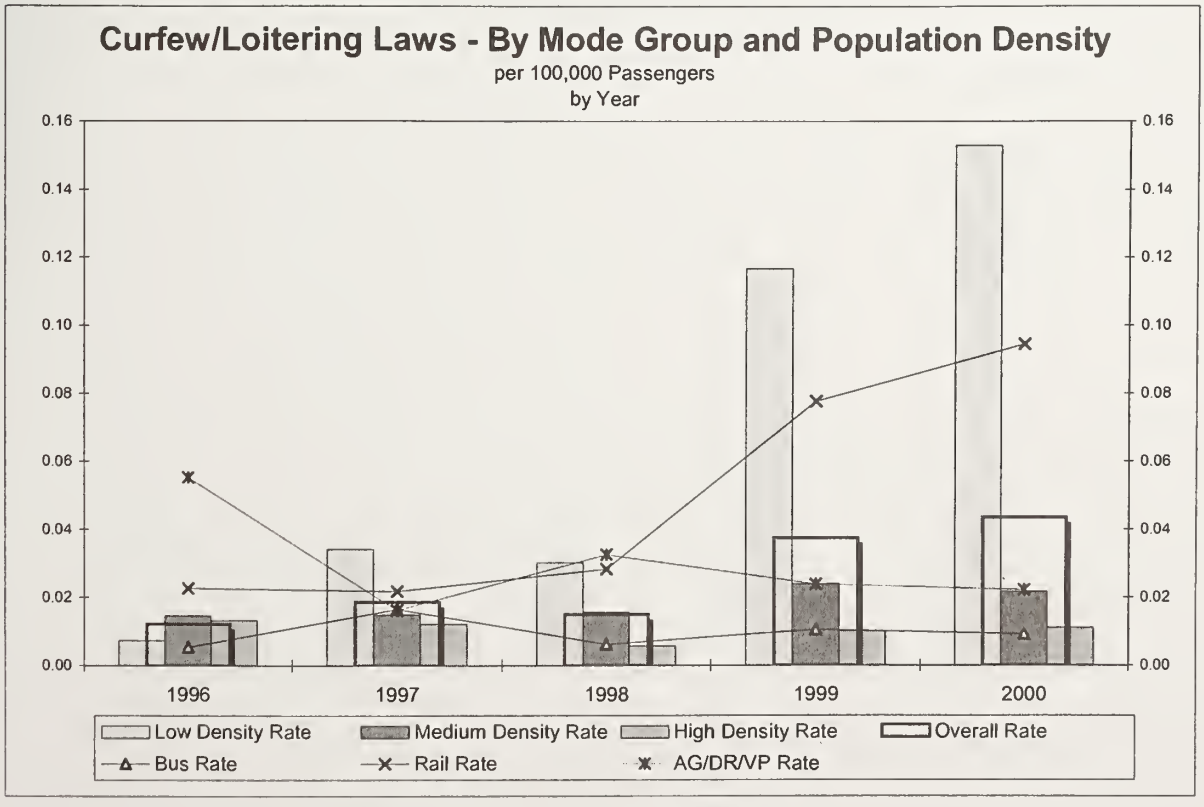

DUI - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.006
0.005
0.004
0.003
0.002
0.001
0.000
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Drunkenness - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.32
0.24
0.16
0.08
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Disorderly Conduct - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.8
0.6
0.4
0.2
0.0
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Trespassing - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.20
0.15
0.10
0.05
0.00
1996
1997
1998
1999
2000
AG/DR/VP Rate: 1996 - 1.23, 1997 - .31, 1998 - .56
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

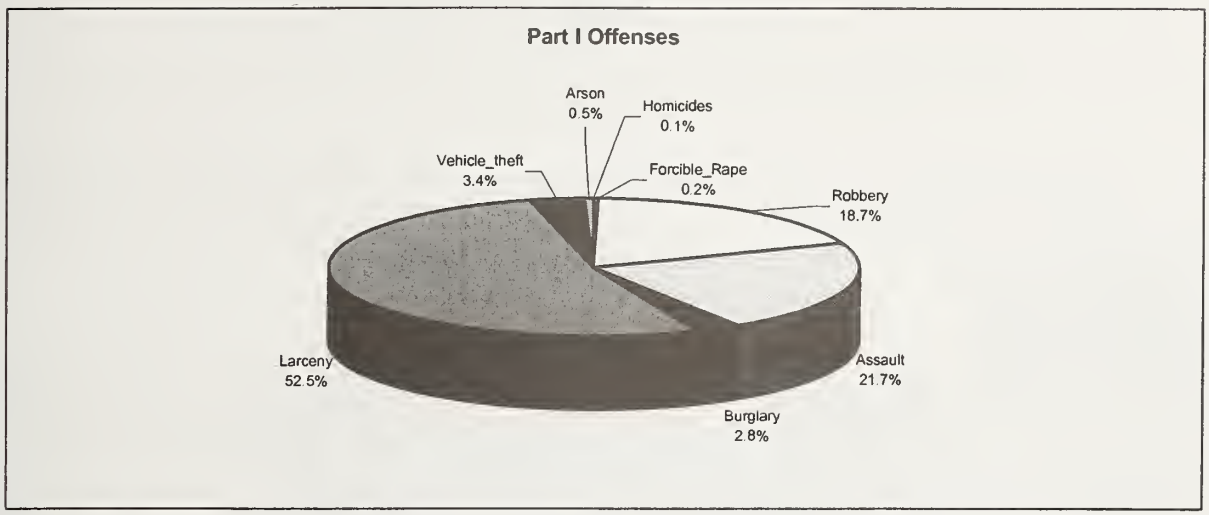

Fare Evasion - By Mode Group and Population Density
per 100,000 Passengers
by Year
2.0
1.6
1.2
0.8
0.4
0.0
1996
1997
1998
1999
2000
AG/DR/VP Rate: 1996 - 13.81, 1997 - 6.67, 1998 - 10.09
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate


Curfew/Loitering Laws - By Mode Group and Population Density
per 100,000 Passengers
by Year
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
1996
1997
1998
1999
2000
Low Density Rate
Medium Density Rate
High Density Rate
Overall Rate
Bus Rate
Rail Rate
AG/DR/VP Rate

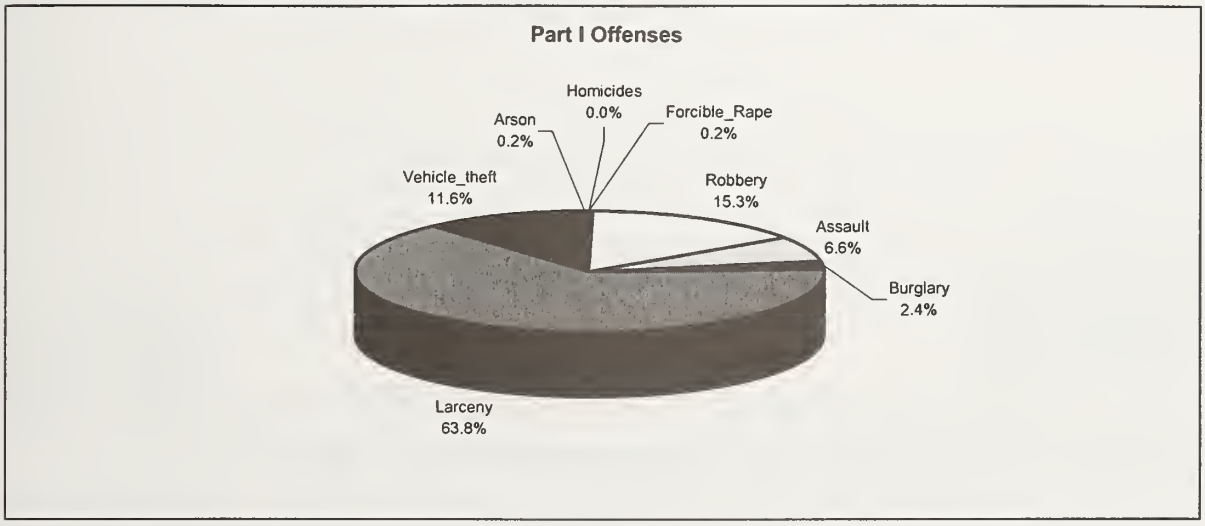
2000 Security Data

Reports of Transit Crime - Part I Offenses

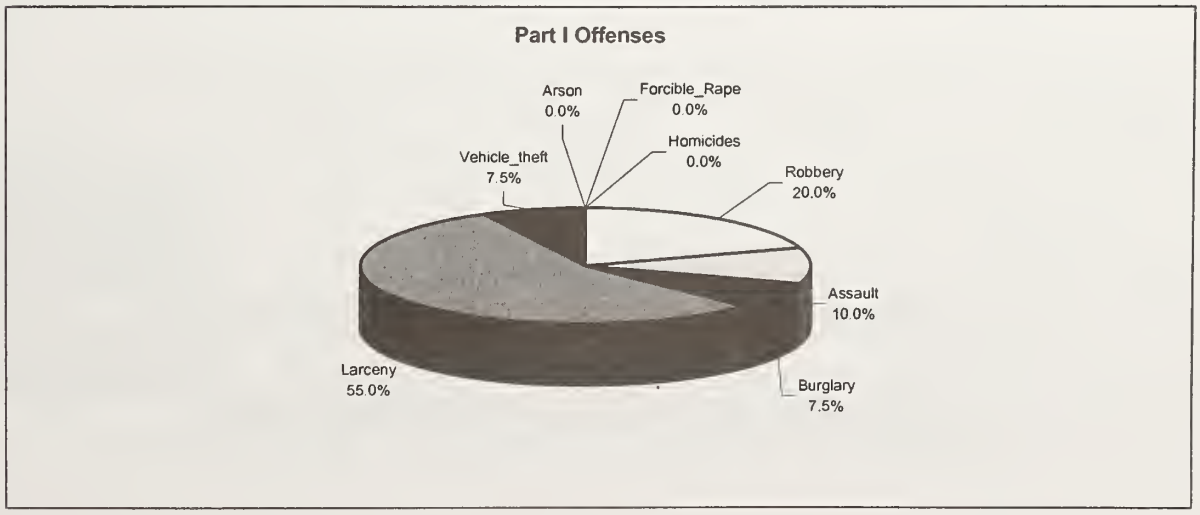
Bus



Rail

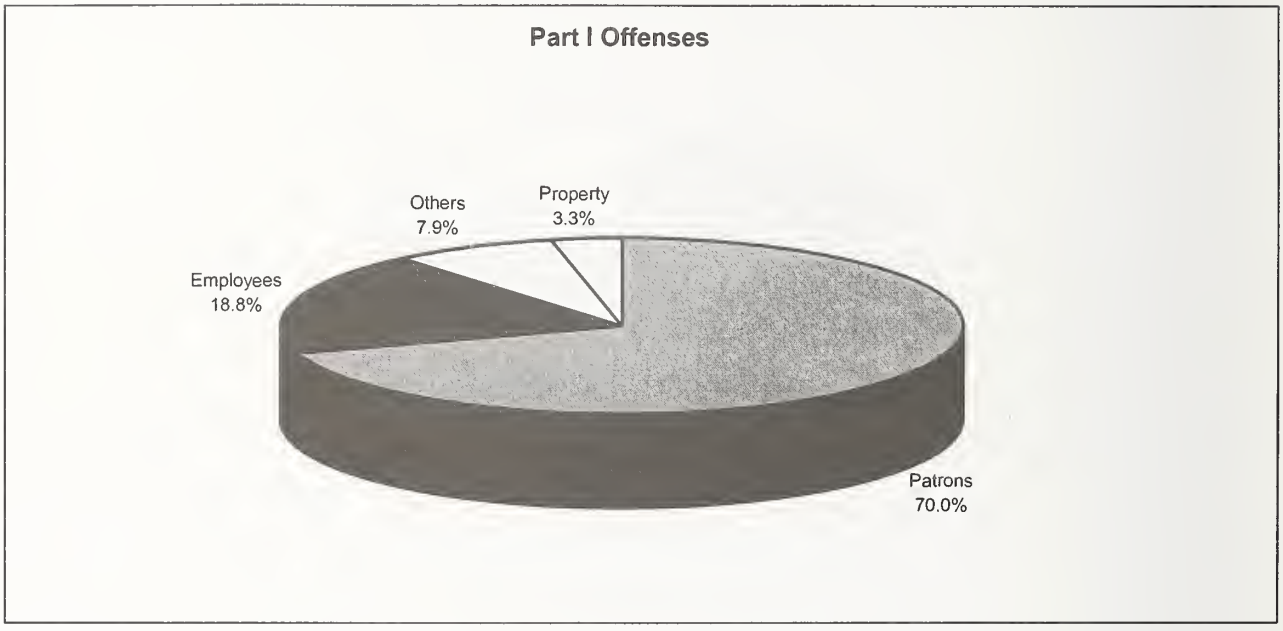


Automated Guideway, Demand Response, Vanpool



Victims of Transit Crime

Bus



Total of Part I Offenses

Part I Offenses	Patrons			Employees			Others			Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	4	2	0	0	0	0	0	1	0			
Forcible Rape	7	0	0	2	0	0	1	0	0			
Robbery	783	39	0	54	12	1	36	1	0			
Aggravated Assault	475	152	10	227	148	9	35	12	2			
Burglary										119	14	7
Larceny/Theft	1744	98	38	398	43	0	248	27	1			
Motor Vehicle Theft	102	1	5	33	0	1	25	2	0			
Arson										10	12	1

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	1	0	0	0	0	0	0	0	0			
Forcible Rape	1	0	0	0	0	0	0	0	0			
Robbery	155	1	0	10	1	0	0	1	0			
Aggravated Assault	151	10	2	72	15	2	2	0	0			
Burglary										40	0	0
Larceny/Theft	1052	2	0	35	9	0	2	0	0			
Motor Vehicle Theft	0	0	0	0	0	0	0	0	0			
Arson										1	0	0

* 17 agencies (1.65 billion passengers or 35.2%) operating buses with high population density reported Security data

Victims of Transit Crime
Bus

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	2	1	0	0	0	0	0	0	0			
Forcible Rape	5	0	0	2	0	0	0	0	0			
Robbery	575	23	0	29	9	0	12	0	0			
Aggravated Assault	288	72	7	123	78	5	18	7	1			
Burglary										18	7	1
Larceny/Theft	489	44	35	202	18	0	126	15	0			
Motor Vehicle Theft	67	0	5	25	0	0	17	1	0			
Arson										4	3	0

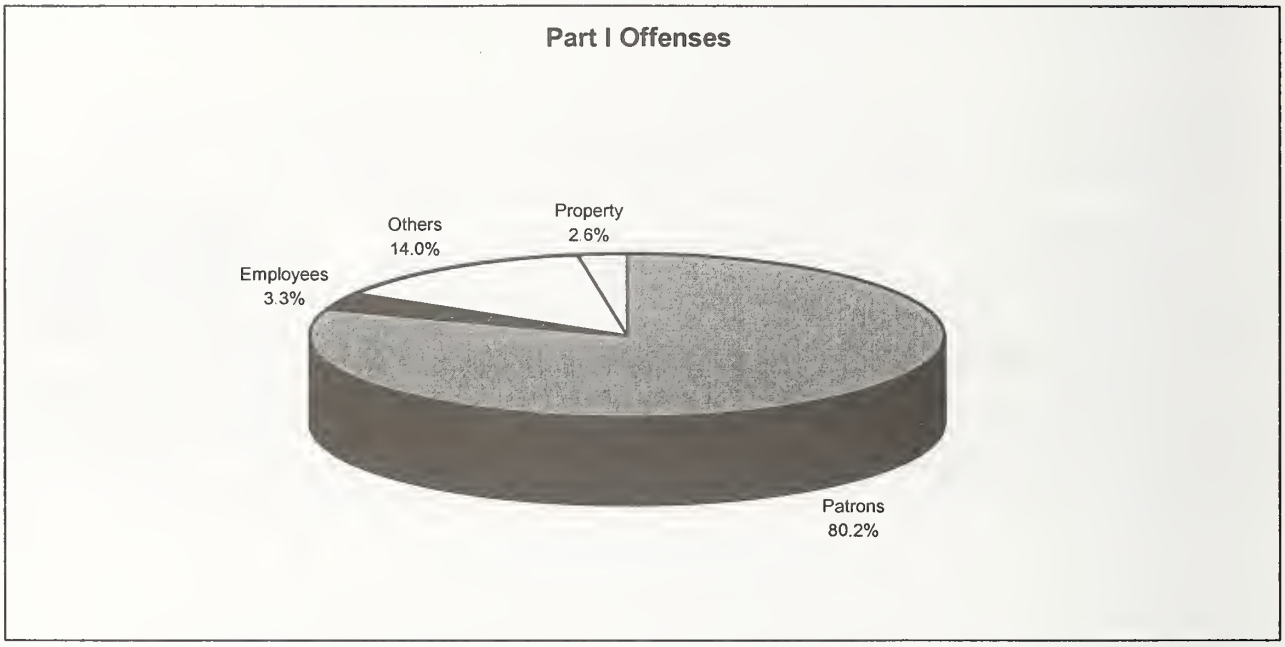
* 85 agencies (1.87 billion passengers or 39.8%) operating buses with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	1	1	0	0	0	0	0	1	0			
Forcible Rape	1	0	0	0	0	0	1	0	0			
Robbery	53	15	0	15	2	1	24	0	0			
Aggravated Assault	36	70	1	32	55	2	15	5	1			
Burglary										9	7	3
Larceny/Theft	203	52	3	161	16	0	120	12	1			
Motor Vehicle Theft	35	1	0	8	0	1	8	1	0			
Arson										5	9	1

* 73 agencies (1.17 billion passengers or 25%) operating buses with low population density reported Security data

Victims of Transit Crime
Rail



Total of Part I Offenses

Part I Offenses	Patrons			Employees			Others			Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	4	0	0	0	0	1	0	0			
Forcible Rape	2	19	4	0	1	0	1	0	0			
Robbery	73	2105	196	10	19	5	55	50	12			
Aggravated Assault	30	772	150	13	57	30	10	10	28			
Burglary										185	82	131
Larceny/Theft	1027	6540	550	161	124	89	793	1192	84			
Motor Vehicle Theft	273	1266	259	12	18	11	64	1	9			
Arson										6	16	4

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	3	0	0	0	0	0	0	0			
Forcible Rape	0	16	0	0	1	0	1	0	0			
Robbery	9	1768	1	0	10	0	17	12	0			
Aggravated Assault	3	480	5	2	5	0	1	0	1			
Burglary										37	53	0
Larceny/Theft	308	5409	5	41	58	5	264	1113	0			
Motor Vehicle Theft	4	535	0	1	8	0	3	0	0			
Arson										1	14	0

* 9 agencies (2.1 billion passengers or 64.7%) operating 9 rail modes with high population density reported Security data

Victims of Transit Crime
Rail

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	0	0	0	0	0	0	0	0			
Forcible Rape	1	3	3	0	0	0	0	0	0			
Robbery	36	244	142	7	9	0	9	3	8			
Aggravated Assault	23	275	106	3	47	21	4	4	24			
Burglary										79	26	127
Larceny/Theft	231	1010	341	35	61	23	136	59	27			
Motor Vehicle Theft	179	705	194	4	10	6	4	0	8			
Arson										0	2	4

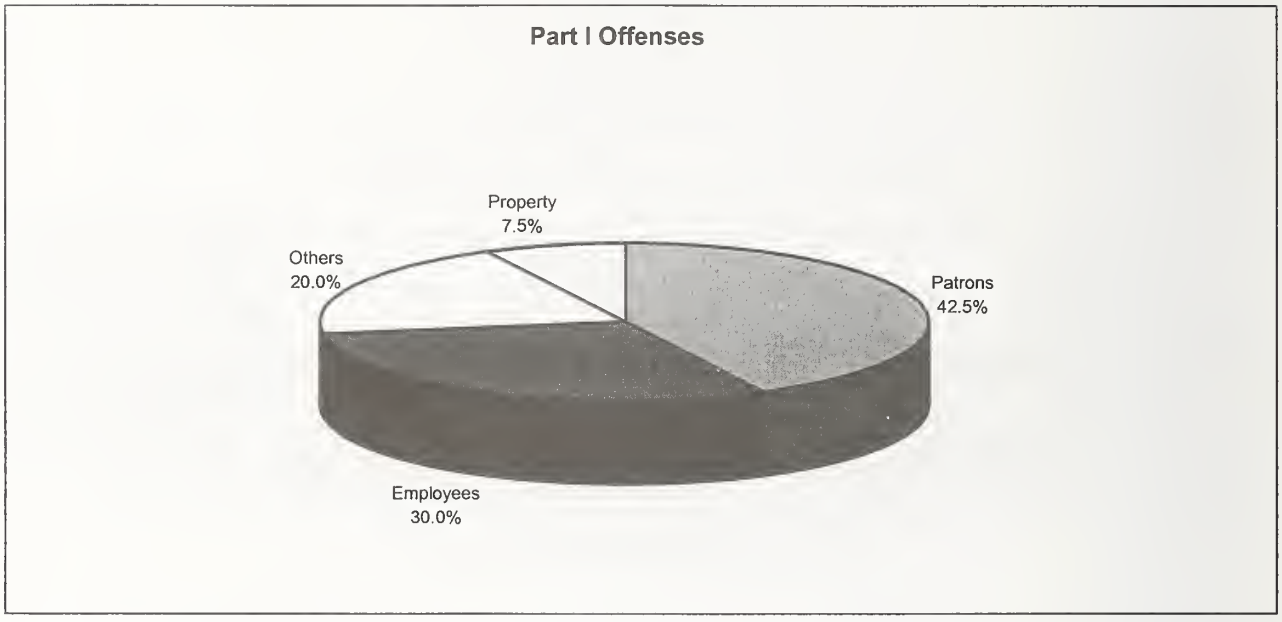
* 14 agencies (.8 billion passengers or 24.7%) operating 18 rail modes with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	1	0	0	0	0	1	0	0			
Forcible Rape	1	0	1	0	0	0	0	0	0			
Robbery	28	60	53	3	0	5	29	35	4			
Aggravated Assault	4	17	39	8	5	9	5	6	3			
Burglary										69	3	4
Larceny/Theft	488	121	204	85	5	61	393	20	57			
Motor Vehicle Theft	90	26	65	7	0	5	57	1	1			
Arson										5	0	0

* 11 agencies (.35 billion passengers or 10.4%) operating 15 rail modes with low population density reported Security data

Victims of Transit Crime
Automated Guideway, Demand Response, Vanpool



Total of Part I Offenses

Part I Offenses	Patrons			Employees			Others			Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide	0	0	0	0	0	0	0	0	0			
Forcible Rape	0	0	0	0	0	0	0	0	0			
Robbery	7	0	0	0	0	0	1	0	0			
Aggravated Assault	2	0	0	0	1	0	0	1	0			
Burglary										0	3	0
Larceny/Theft	6	2	0	2	7	0	4	1	0			
Motor Vehicle Theft	0	0	0	0	2	0	0	0	1			
Arson										0	0	0

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide	0	0		0	0		0	0				
Forcible Rape	1	0		0	0		0	0				
Robbery	7	0		0	0		1	0				
Aggravated Assault	2	0		0	0		0	0				
Burglary										0	1	
Larceny/Theft	6	0		2	1		4	0				
Motor Vehicle Theft	0	0		0	1		0	0				
Arson										0	0	

* 8 agencies (7 million passengers or 26.3%) operating 8 AG/DR/VP modes with high population density reported Security data

Victims of Transit Crime
Automated Guideway, Demand Response, Vanpool

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide	0	0	0	0	0	0	0	0	0			
Forcible Rape	0	0	0	0	0	0	0	0	0			
Robbery	0	0	0	0	0	0	0	0	0			
Aggravated Assault	0	0	0	0	0	0	0	0	0			
Burglary										0	0	0
Larceny/Theft	0	2	0	0	6	0	0	0	0			
Motor Vehicle Theft	0	0	0	0	1	0	0	0	0			
Arson										0	0	0

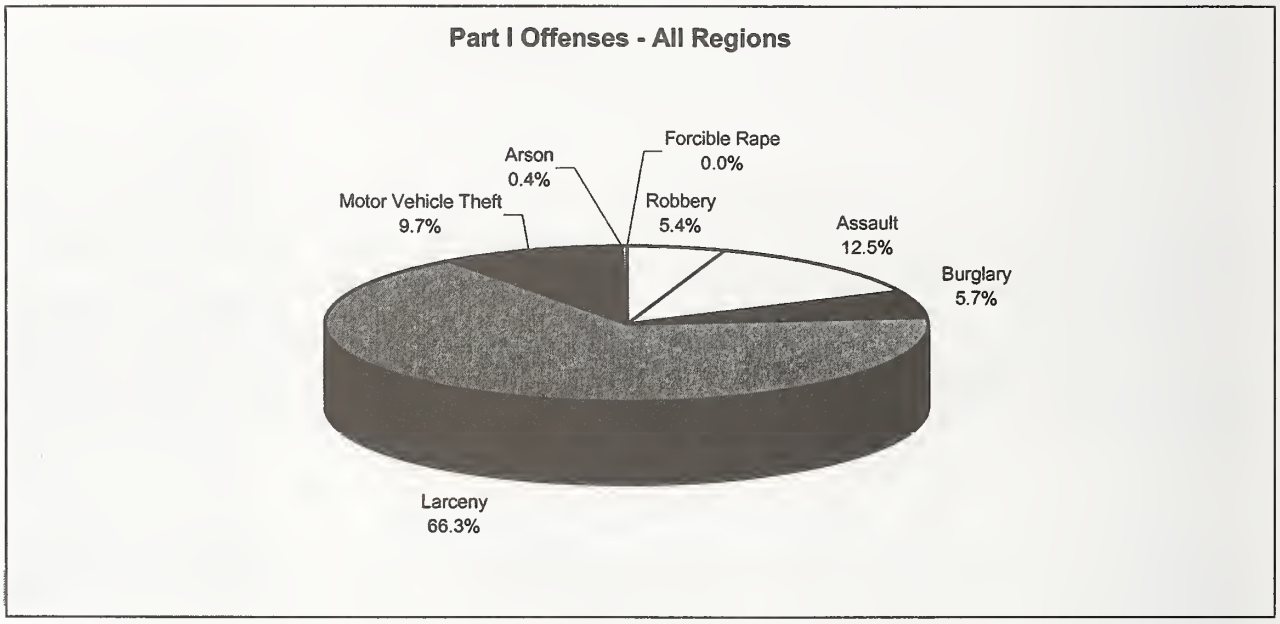
* 50 agencies (10.9 million passengers or 40.6%) operating 55 AG/DR/VP modes with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part I Offenses	Patrons			Employees			Others			Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide		0	0		0	0		0	0			
Forcible Rape		0	0		0	0		0	0			
Robbery		0	0		0	0		0	0			
Aggravated Assault		0	0		1	0		1	0			
Burglary											2	0
Larceny/Theft		0	0		0	0		1	0			
Motor Vehicle Theft		0	0		0	0		0	1			
Arson											0	0

* 51 agencies (8.9 million passengers or 33%) operating 57 AG/DR/VP modes with low population density reported Security data

Victims of Transit Crime
Purchased Transportation - All Modes



Total of Part I Offenses - Purchased Transportation

Part I Offenses	Patrons				Employees				Others				Property			
	CR	DR	MB	FB	CR	DR	MB	FB	CR	DR	MB	FB	CR	DR	MB	FB
Homicide	0	0	0	0	0	0	0	0	0	0	0	0				
Forcible Rape	0	0	0	0	0	0	0	0	0	0	0	0				
Robbery	5	0	4	0	1	4	1	0	0	0	0	0				
Aggravated Assault	2	6	11	0	3	8	5	0	0	0	0	0				
Burglary													6	3	2	5
Larceny/Theft	140	2	10	4	11	7	3	0	7	0	0	0				
Motor Vehicle Theft	15	0	1	2	2	0	0	0	1	4	0	0				
Arson													0	0	1	0

Note: IP and MO modes reported no Offenses. VP (2 Vehicle Thefts) mode reported limited Offenses.

Location of Transit Crimes
Bus

Total of Part I Offenses

Part I Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	4	1	0	0	1	0	0	1	0
Forcible Rape	5	0	0	3	0	0	2	0	0
Robbery	317	36	1	454	9	0	102	7	0
Aggravated Assault	555	266	15	58	31	6	124	15	0
Burglary	40	9	0	18	3	4	61	2	3
Larceny/Theft	1762	104	3	243	34	5	385	30	31
Motor Vehicle Theft	16	1	0	40	0	0	104	2	6
Arson	2	2	0	3	7	0	5	3	1

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	1	0	0	0	0	0	0	0	0
Forcible Rape	1	0	0	0	0	0	0	0	0
Robbery	158	3	0	2	0	0	5	0	0
Aggravated Assault	222	25	4	0	0	0	3	0	0
Burglary	37	0	0	0	0	0	3	0	0
Larceny/Theft	1089	11	0	0	0	0	0	0	0
Motor Vehicle Theft	0	0	0	0	0	0	0	0	0
Arson	1	0	0	0	0	0	0	0	0

* 17 agencies (1.65 billion passengers or 35%) operating buses with high population density reported Security data

Location of Transit Crimes
Bus

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	2	1	0	0	0	0	0	0	0
Forcible Rape	4	0	0	3	0	0	0	0	0
Robbery	119	25	0	433	7	0	64	0	0
Aggravated Assault	274	142	7	55	9	6	100	6	0
Burglary	3	3	0	17	2	4	50	2	0
Larceny/Theft	418	57	1	178	13	4	221	7	30
Motor Vehicle Theft	16	1	0	25	0	0	68	0	5
Arson	0	2	0	3	1	0	1	0	0

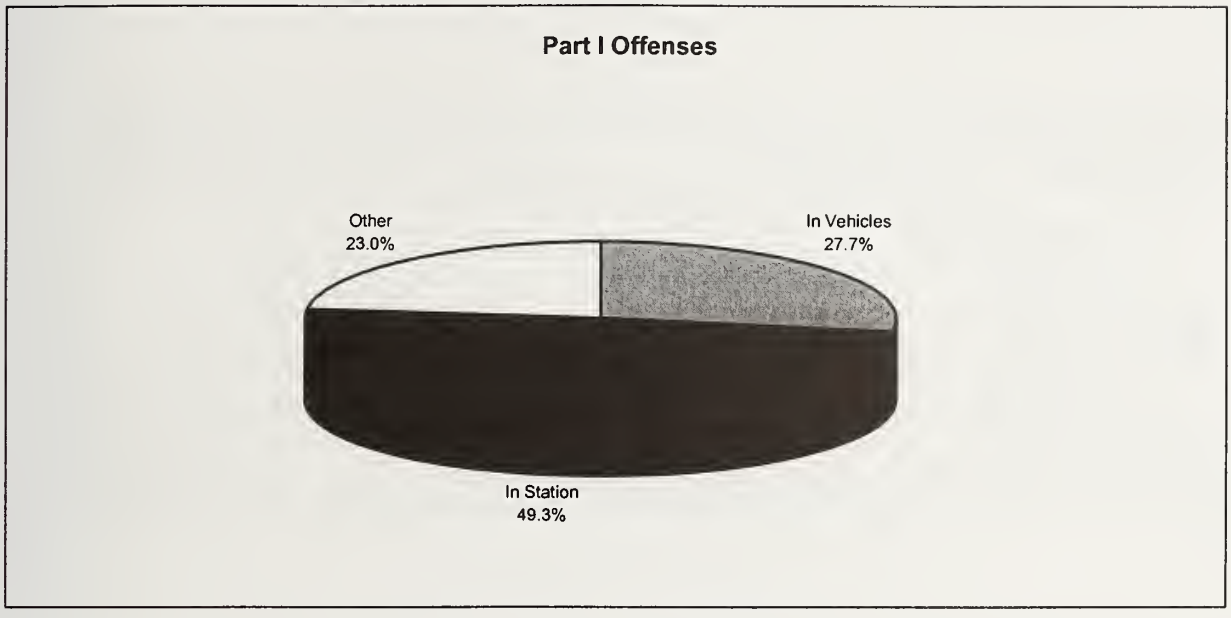
* 85 agencies (1.87 billion passengers or 40%) operating buses with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Homicide	1	0	0	0	1	0	0	1	0
Forcible Rape	0	0	0	0	0	0	2	0	0
Robbery	40	8	1	19	2	0	33	7	0
Aggravated Assault	59	99	4	3	22	0	21	9	0
Burglary	0	6	0	1	1	0	8	0	3
Larceny/Theft	255	36	2	65	21	1	164	23	1
Motor Vehicle Theft	0	0	0	15	0	0	36	2	1
Arson	1	0	0	0	6	0	4	3	1

* 73 agencies (1.17 billion passengers or 25%) operating buses with low population density reported Security data

Location of Transit Crimes
Rail



Total of Part I Offenses

Part I Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	2	0	0	1	0	1	1	0
Forcible Rape	0	5	0	1	11	3	2	4	1
Robbery	11	765	54	80	1151	123	47	258	36
Aggravated Assault	10	149	74	26	567	111	17	123	23
Burglary	4	2	5	78	55	93	103	25	33
Larceny/Theft	827	2478	160	646	4195	288	508	1183	275
Motor Vehicle Theft	0	26	1	99	544	81	250	715	197
Arson	1	7	1	2	6	3	3	3	0

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	2	0	0	1	0	0	0	0
Forcible Rape	0	5	0	0	9	0	1	3	0
Robbery	2	732	1	9	876	0	15	182	0
Aggravated Assault	0	118	5	0	297	1	6	70	0
Burglary	3	0	0	11	37	0	23	16	0
Larceny/Theft	252	2305	10	223	3713	0	138	562	0
Motor Vehicle Theft	0	0	0	0	522	0	8	21	0
Arson	1	6	0	0	6	0	0	2	0

* 9 agencies (2.2 billion passengers or 65%) operating 9 rail modes with high population density reported Security data

Location of Transit Crimes
Rail

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	0	0	0	0	0	0	0	0
Forcible Rape	0	0	0	0	2	3	1	1	0
Robbery	6	22	45	21	194	81	25	73	24
Aggravated Assault	3	29	41	18	247	97	9	50	13
Burglary	1	2	5	49	15	91	29	9	31
Larceny/Theft	107	156	69	132	396	179	163	578	143
Motor Vehicle Theft	0	0	1	11	21	81	176	694	126
Arson	0	1	1	0	0	3	0	1	0

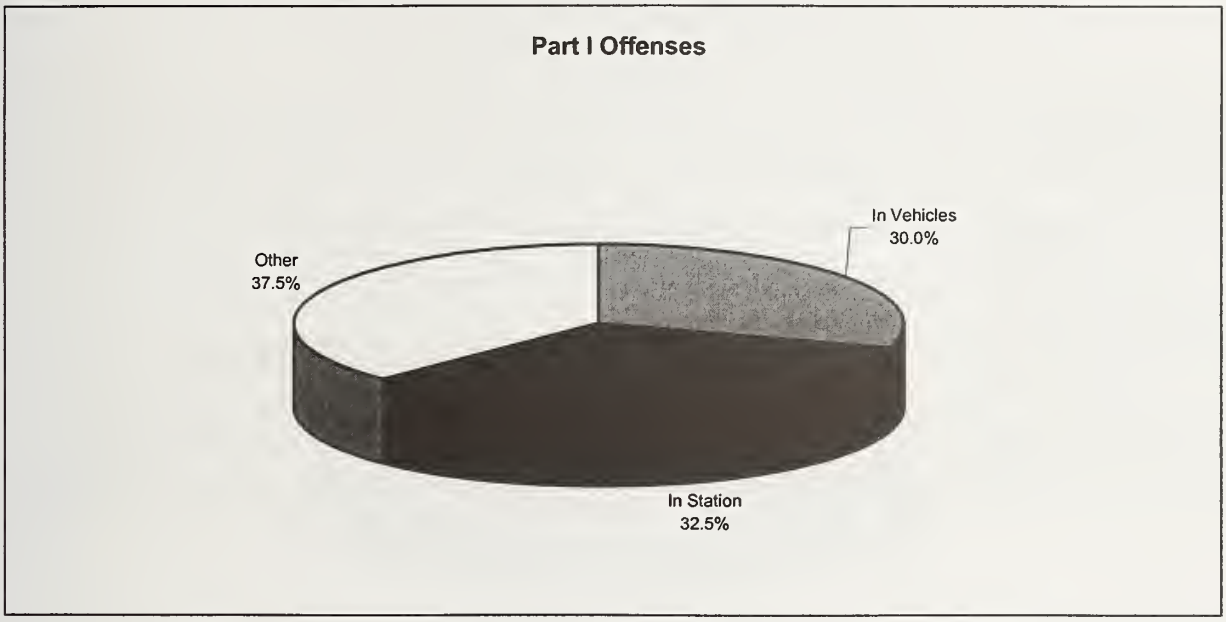
* 14 agencies (.8 billion passengers or 24.7%) operating 18 rail modes with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Homicide	0	0	0	0	0	0	1	1	0
Forcible Rape	0	0	0	1	0	0	0	0	1
Robbery	3	11	8	50	81	42	7	3	12
Aggravated Assault	7	2	28	8	23	13	2	3	10
Burglary	0	0	0	18	3	2	51	0	2
Larceny/Theft	468	17	81	291	86	109	207	43	132
Motor Vehicle Theft	0	26	0	88	1	0	66	0	71
Arson	0	0	0	2	0	0	3	0	0

* 11 agencies (.35 billion passengers or 10.5%) operating 15 rail modes with low population density reported Security data

Location of Transit Crimes
Automated Guideway, Demand Response, Vanpool



Total of Part I Offenses

Part I Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide	0	0	0	0	0	0	0	0	0
Forcible Rape	0	0	0	0	0	0	0	0	0
Robbery	0	0	0	4	0	0	4	0	0
Aggravated Assault	0	2	0	1	0	0	1	0	0
Burglary	0	2	0	0	1	0	0	0	0
Larceny/Theft	1	5	0	6	1	0	5	4	0
Motor Vehicle Theft	0	1	1	0	0	0	0	1	0
Arson	0	0	0	0	0	0	0	0	0

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide	0	0		0	0		0	0	
Forcible Rape	0	0		0	0		0	0	
Robbery	0	0		4	0		4	0	
Aggravated Assault	0	0		1	0		1	0	
Burglary	0	0		0	1		0	0	
Larceny/Theft	1	0		6	1		5	0	
Motor Vehicle Theft	0	1		0	0		0	0	
Arson	0	0		0	0		0	0	

* 8 agencies (7 million passengers or 26.2%) operating 8 AG/DR/VP modes with high population density reported Security data

Location of Transit Crimes
Automated Guideway, Demand Response, Vanpool

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide	0	0	0	0	0	0	0	0	0
Forcible Rape	0	0	0	0	0	0	0	0	0
Robbery	0	0	0	0	0	0	0	0	0
Aggravated Assault	0	0	0	0	0	0	0	0	0
Burglary	0	0	0	0	0	0	0	0	0
Larceny/Theft	0	5	0	0	0	0	0	3	0
Motor Vehicle Theft	0	0	0	0	0	0	0	1	0
Arson	0	0	0	0	0	0	0	0	0

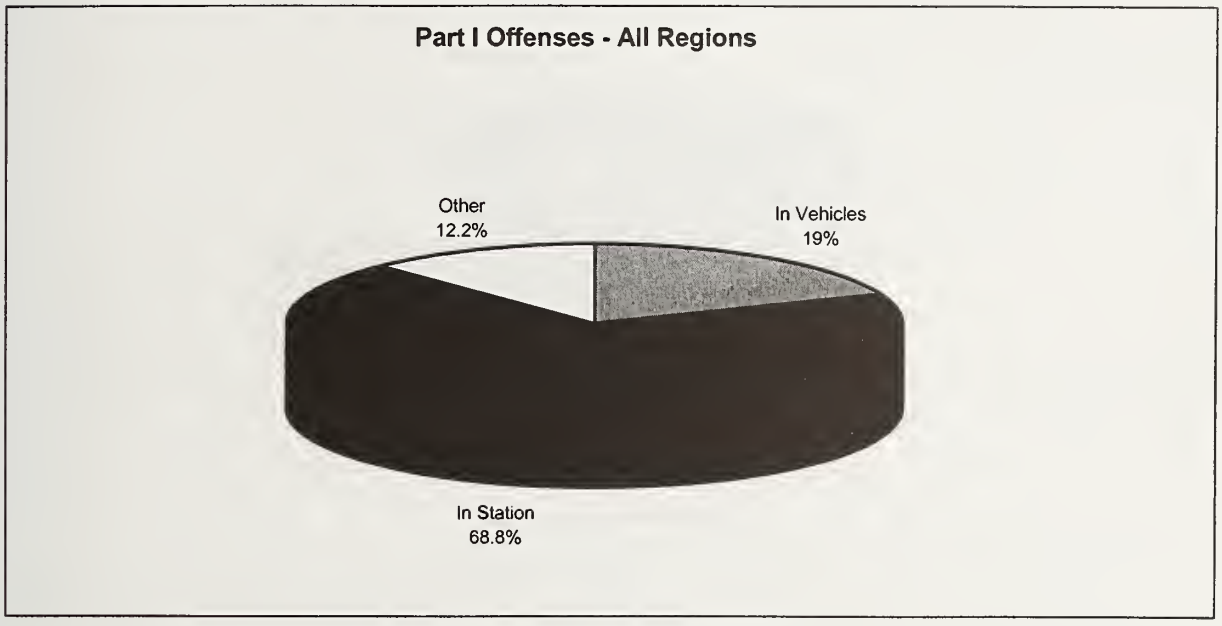
* 50 agencies (11 million passengers or 40%) operating 55 AG/DR/VP modes with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part I Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Homicide		0	0		0	0		0	0
Forcible Rape		0	0		0	0		0	0
Robbery		0	0		0	0		0	0
Aggravated Assault		2	0		0	0		0	0
Burglary		2	0		0	0		0	0
Larceny/Theft		0	0		0	0		1	0
Motor Vehicle Theft		0	1		0	0		0	0
Arson		0	0		0	0		0	0

* 51 agencies (8.9 million passengers or 33%) operating 57 AG/DR/VP modes with low population density reported Security data

Location of Transit Crimes
Purchased Transportation - All Modes



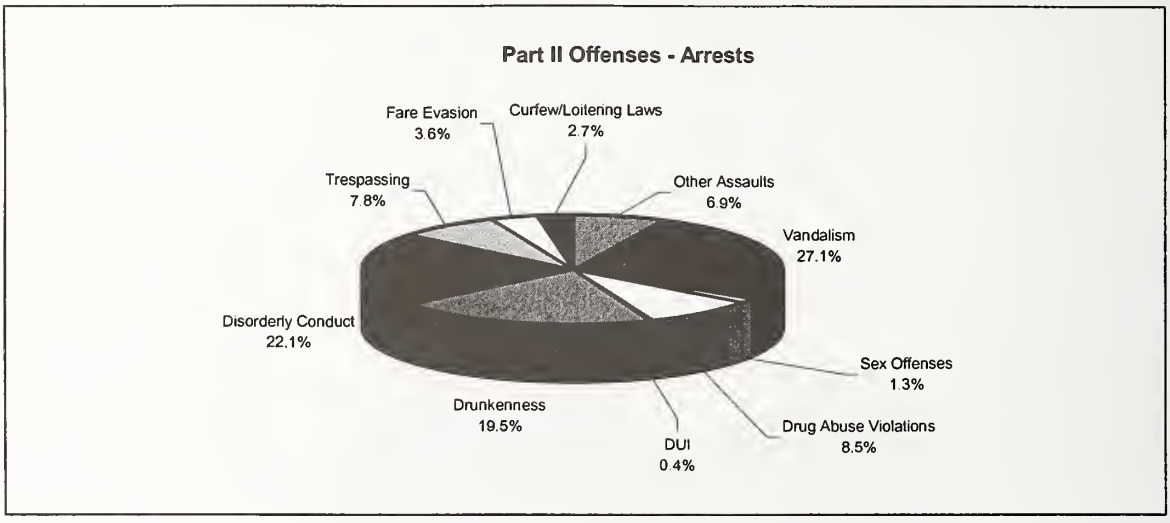
Total of Part I Offenses

Part I Offenses	In Vehicle				In Station				Other Property			
	CR	DR	MB	FB	CR	DR	MB	FB	CR	DR	MB	FB
Homicide	0	0	0	0	0	0	0	0	0	0	0	0
Forcible Rape	0	0	0	0	0	0	0	0	0	0	0	0
Robbery	0	4	3	0	3	0	2	0	3	0	0	0
Aggravated Assault	1	12	6	0	3	0	9	0	1	2	1	0
Burglary	0	2	1	0	6	1	1	5	0	0	0	0
Larceny/Theft	6	8	6	0	131	0	7	4	21	1	0	0
Motor Vehicle Theft	0	1	0	0	16	0	1	2	2	3	0	0
Arson	0	0	1	0	0	0	0	0	0	0	0	0

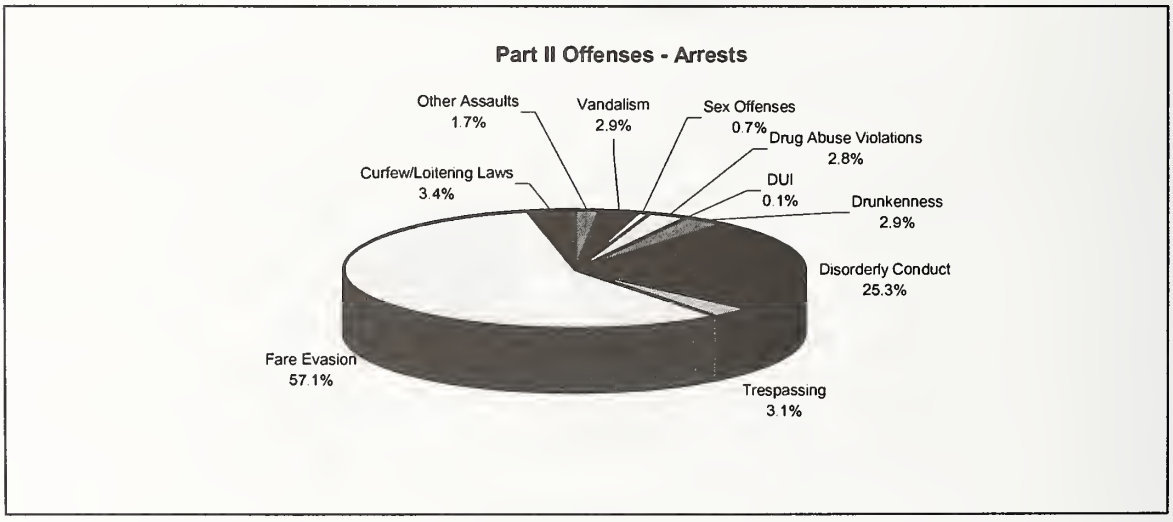
Note: IP and MO modes reported no Offenses. VP (2 Vehicle Thefts) mode reported limited Offenses.

Transit Crime Arrests - Part II Offenses

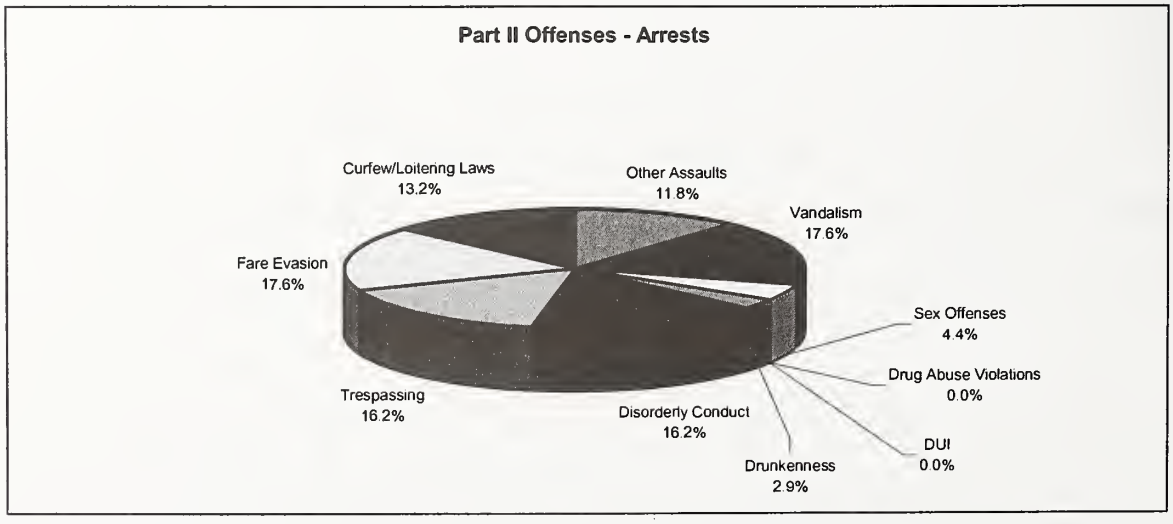
Bus



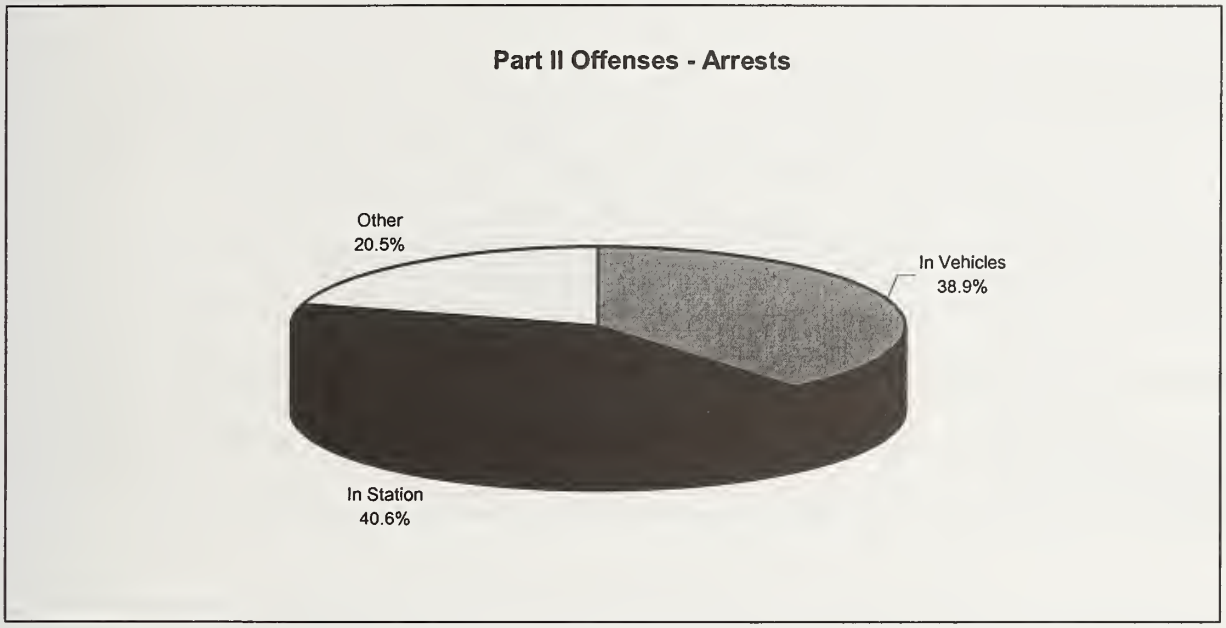
Rail



Automated Guideway, Demand Response, Vanpool



Transit Arrest Locations
Bus



Total of Part II Offenses

Part II Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Other Assaults	605	113	32	130	53	45	148	43	0
Vandalism	1346	253	49	2587	36	31	231	38	11
Sex Offenses	57	21	7	21	11	12	77	13	0
Drug Abuse Violations	153	31	4	476	42	13	650	76	0
DUI	6	5	0	13	3	3	31	4	0
Drunkenness	867	206	42	715	569	81	600	219	7
Disorderly Conduct	1496	524	40	810	285	37	474	77	1
Trespassing	129	23	1	364	166	83	262	297	0
Fare Evasion	217	126	196	27	30	0	5	4	0
Curfew/Loitering Laws	24	8	1	91	104	32	152	46	0

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Other Assaults	76	3	1	0	0	0	0	0	0
Vandalism	48	18	17	0	0	0	3	2	0
Sex Offenses	2	4	1	0	0	0	5	0	0
Drug Abuse Violations	45	1	1	3	0	0	8	0	0
DUI	0	0	0	0	0	0	0	0	0
Drunkenness	4	5	5	0	0	0	17	0	0
Disorderly Conduct	311	162	1	0	0	0	4	17	0
Trespassing	8	0	0	0	0	0	0	0	0
Fare Evasion	57	21	3	0	0	0	0	0	0
Curfew/Loitering Laws	3	2	0	0	0	0	0	0	0

* 17 agencies (1.65 billion passengers or 35%) operating buses with high population density reported Security data

Transit Arrest Locations
Bus

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Other Assaults	281	65	18	76	29	29	42	8	0
Vandalism	1142	169	13	2531	22	29	88	21	7
Sex Offenses	33	11	2	10	6	11	13	7	0
Drug Abuse Violations	66	18	2	406	21	11	204	64	0
DUI	0	5	0	9	3	0	23	2	0
Drunkenness	691	115	13	618	438	42	476	144	0
Disorderly Conduct	579	266	19	468	200	34	296	13	0
Trespassing	112	9	0	143	90	72	84	281	0
Fare Evasion	125	86	3	22	28	0	5	4	0
Curfew/Loitering Laws	6	4	0	56	67	31	41	43	0

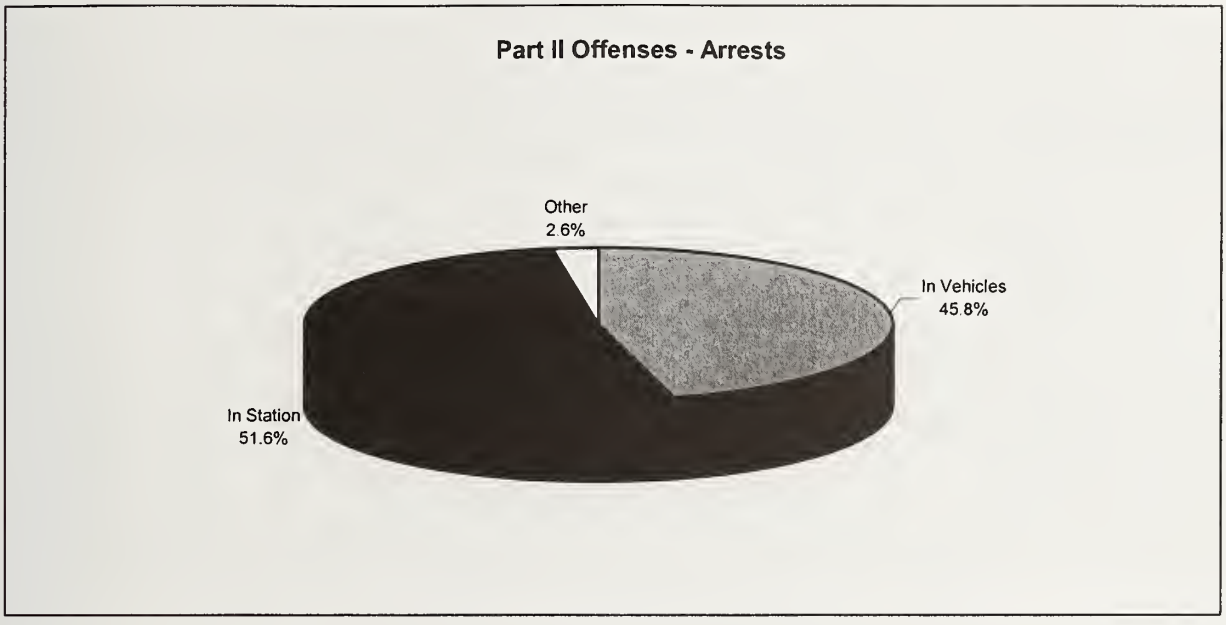
* 85 agencies (1.87 billion passengers or 40%) operating buses with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	LMB	MMB	SMB	LMB	MMB	SMB	LMB	MMB	SMB
Other Assaults	248	45	13	54	24	16	106	35	0
Vandalism	156	66	19	56	14	2	140	15	4
Sex Offenses	22	6	4	11	5	1	59	6	0
Drug Abuse Violations	42	12	1	67	21	2	438	12	0
DUI	6	0	0	4	0	3	8	2	0
Drunkenness	172	86	24	97	131	39	107	75	7
Disorderly Conduct	606	96	20	342	85	3	174	47	1
Trespassing	9	14	1	221	76	11	178	16	0
Fare Evasion	35	19	190	5	2	0	0	0	0
Curfew/Loitering Laws	15	2	1	35	37	1	111	3	0

* 73 agencies (1.17 billion passengers or 25%) operating buses with low population density reported Security data

Transit Arrest Locations
Rail



Total of Part II Offenses

Part II Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Other Assaults	27	179	124	88	786	206	24	120	24
Vandalism	10	250	337	207	900	733	43	50	145
Sex Offenses	14	80	20	44	379	36	23	18	2
Drug Abuse Violations	17	511	82	142	1317	359	32	87	77
DUI	0	0	0	20	7	16	23	32	17
Drunkenness	23	202	436	39	891	841	65	147	39
Disorderly Conduct	68	17981	705	587	2868	1006	40	238	26
Trespassing	10	257	192	405	732	515	217	278	278
Fare Evasion	44	138	20774	16	28463	3347	1	332	3
Curfew/Loitering Laws	0	72	11	321	2231	483	8	21	4

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Other Assaults	7	90	6	4	469	1	7	8	0
Vandalism	1	157	0	6	708	1	8	25	0
Sex Offenses	6	44	0	3	230	0	11	0	0
Drug Abuse Violations	6	452	1	18	839	1	9	10	0
DUI	0	0	0	1	5	0	3	1	0
Drunkenness	0	126	1	0	285	2	0	47	0
Disorderly Conduct	14	17869	13	10	797	5	17	48	0
Trespassing	4	240	0	17	381	2	25	167	0
Fare Evasion	15	123	9	0	25855	4	1	38	0
Curfew/Loitering Laws	0	44	0	0	360	0	0	14	0

* 9 agencies (2.2 billion passengers or 65%) operating 9 rail modes with high population density reported Security data

Transit Arrest Locations
Rail

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Other Assaults	4	59	69	24	203	116	12	112	12
Vandalism	2	20	299	38	52	692	17	20	119
Sex Offenses	2	23	12	20	94	22	4	15	0
Drug Abuse Violations	6	30	77	23	396	311	12	77	75
DUI	0	0	0	17	2	2	13	31	14
Drunkenness	1	73	43	36	559	810	65	99	29
Disorderly Conduct	12	73	277	222	1852	806	19	190	15
Trespassing	3	15	155	228	302	395	48	104	258
Fare Evasion	10	15	14833	4	2419	3148	0	294	3
Curfew/Loitering Laws	0	0	7	13	212	112	4	7	3

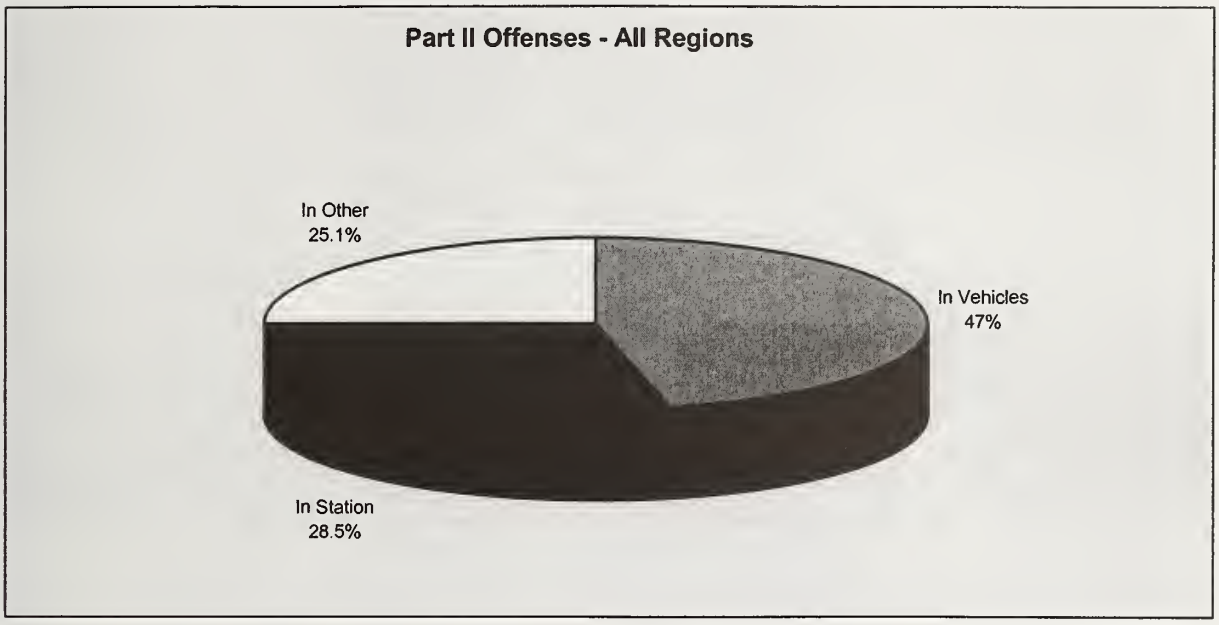
* 14 agencies (.8 billion passengers or 24.7%) operating 18 rail modes with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	CR	HR	LR	CR	HR	LR	CR	HR	LR
Other Assaults	16	30	49	60	114	89	5	0	12
Vandalism	7	73	38	163	140	40	18	5	26
Sex Offenses	6	13	8	21	55	14	8	3	2
Drug Abuse Violations	5	29	4	101	82	47	11	0	2
DUI	0	0	0	2	0	14	7	0	3
Drunkenness	22	3	32	3	47	29	0	1	10
Disorderly Conduct	42	39	415	355	219	195	4	0	11
Trespassing	3	2	37	160	49	118	144	7	20
Fare Evasion	19	0	5932	12	189	195	0	0	0
Curfew/Loitering Laws	0	28	4	308	1659	371	4	0	1

* 11 agencies (.35 billion passengers or 10.5%) operating 15 rail modes with low population density reported Security data

Transit Arrest Locations
Purchased Transportation - All Modes

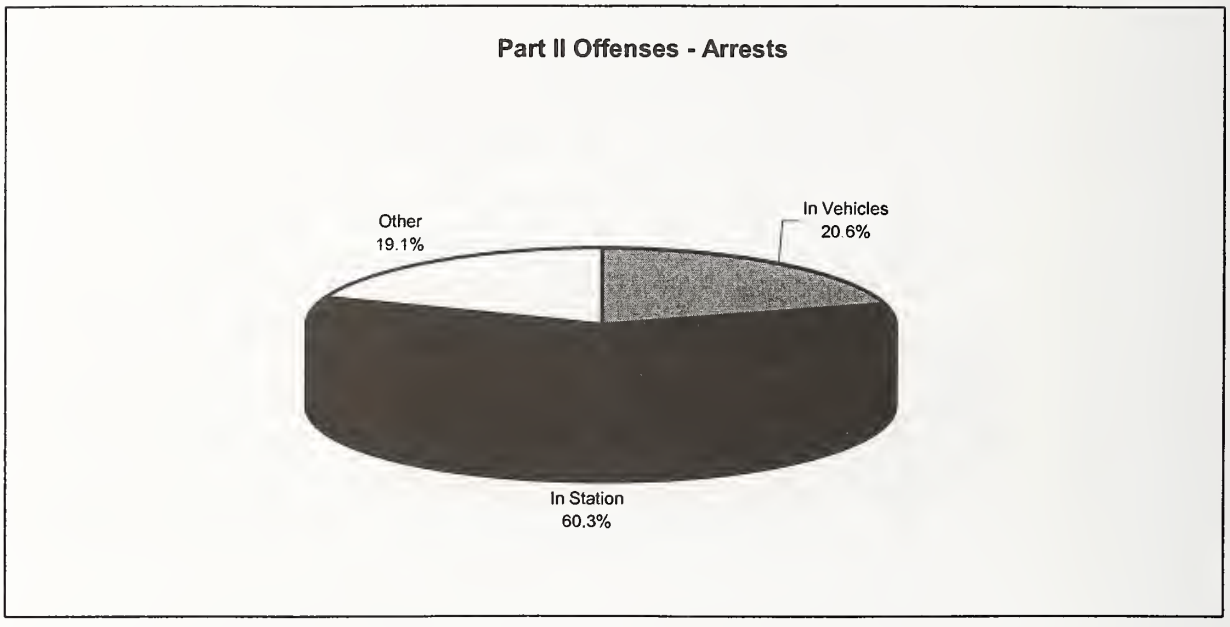


Total of Part II Offenses

Part II Offenses	In Vehicle				In Station				Other Property			
	CR	DR	MB	FB	CR	DR	MB	FB	CR	DR	MB	FB
Other Assaults	0	2	11	0	3	0	9	0	0	0	0	0
Vandalism	0	6	11	3	1	0	7	4	3	0	0	0
Sex Offenses	0	1	1	0	1	0	0	0	2	0	0	0
Drug Abuse Violations	1	1	0	0	1	0	3	0	3	0	0	0
DUI	0	0	0	0	0	0	2	0	1	0	0	0
Drunkenness	1	0	14	0	25	1	20	0	17	0	0	0
Disorderly Conduct	1	2	11	0	2	2	6	0	8	0	0	0
Trespassing	0	0	4	0	8	0	1	0	69	0	0	0
Fare Evasion	112	2	5	0	6	1	0	0	0	0	0	0
Curfew/Loitering Laws	0	0	0	0	0	0	12	0	0	0	0	0

Note: IP and MO modes reported no offenses. VP reported 2 vandalism offenses in vehicle.

Transit Arrest Locations
Automated Guideway, Demand Response, Vanpool



Total of Part II Offenses

Part II Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Other Assaults	1	1	0	5	0	0	1	0	0
Vandalism	1	1	3	5	0	0	2	0	0
Sex Offenses	0	0	0	3	0	0	0	0	0
Drug Abuse Violations	0	0	0	0	0	0	0	0	0
DUI	0	0	0	0	0	0	0	0	0
Drunkenness	2	0	0	0	0	0	2	2	0
Disorderly Conduct	2	2	0	6	0	0	1	0	0
Trespassing	1	0	0	8	0	0	2	0	0
Fare Evasion	0	0	0	12	0	0	0	0	0
Curfew/Loitering Laws	2	0	0	0	0	0	0	0	7

Agencies with High Population Density in Service Area (Over 6000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Other Assaults	1	0		5	0		1	0	
Vandalism	1	0		5	0		2	0	
Sex Offenses	0	0		3	0		0	0	
Drug Abuse Violations	0	0		0	0		0	0	
DUI	0	0		0	0		0	0	
Drunkenness	0	0		2	0		0	0	
Disorderly Conduct	2	2		6	0		1	0	
Trespassing	1	0		8	0		2	0	
Fare Evasion	0	0		12	0		0	0	
Curfew/Loitering Laws	2	0		0	0		0	0	

* 8 agencies (7 million passengers or 26.2%) operating 8 AG/DR/VP modes with high population density reported Security data

Transit Arrest Locations
Automated Guideway, Demand Response, Vanpool

Agencies with Medium Population Density in Service Area (2000 to 6000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Other Assaults	0	1	0	0	0	0	0	0	0
Vandalism	0	0	1	0	0	0	0	0	0
Sex Offenses	0	0	0	0	0	0	0	0	0
Drug Abuse Violations	0	0	0	0	0	0	0	0	0
DUI	0	0	0	0	0	0	0	0	0
Drunkenness	0	0	0	0	0	0	0	0	0
Disorderly Conduct	0	0	0	0	0	0	0	0	0
Trespassing	0	0	0	0	0	0	0	0	0
Fare Evasion	0	0	0	0	0	0	0	0	0
Curfew/Loitering Laws	0	0	0	0	0	0	0	0	7

* 50 agencies (11 million passengers or 40%) operating 55 AG/DR/VP modes with medium population density reported Security data

Agencies with Low Population Density in Service Area (Under 2000 Population per Square Mile)*

Part II Offenses	In Vehicle			In Station			Other Property		
	AG	DR	VP	AG	DR	VP	AG	DR	VP
Other Assaults		0	0		0	0		0	0
Vandalism		1	2		0	0		0	0
Sex Offenses		0	0		0	0		0	0
Drug Abuse Violations		0	0		0	0		0	0
DUI		0	0		0	0		0	0
Drunkenness		0	0		0	0		0	0
Disorderly Conduct		0	0		0	0		0	0
Trespassing		0	0		0	0		0	0
Fare Evasion		0	0		0	0		0	0
Curfew/Loitering Laws		0	0		0	0		0	0

* 51 agencies (8.9 million passengers or 33%) operating 57 AG/DR/VP modes with low population density reported Security data

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